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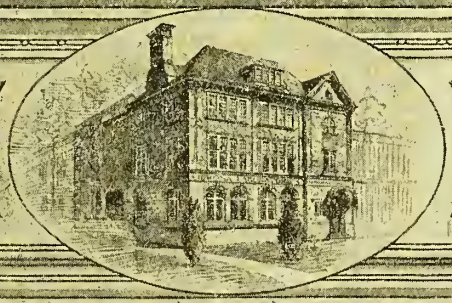

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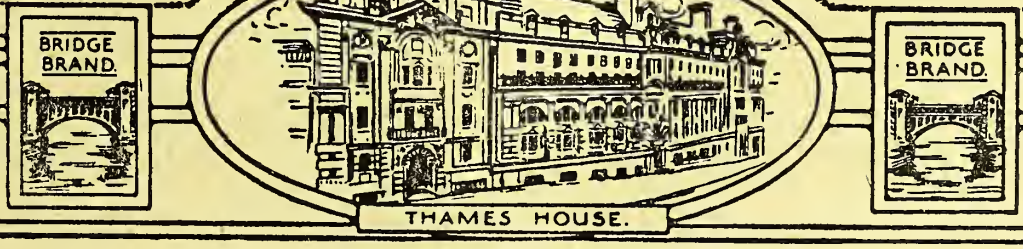

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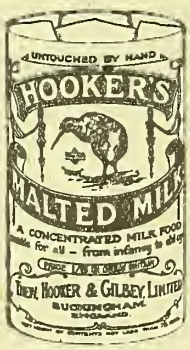

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See Trade Mark "T. R. Allinson" on all our goods—None Genuine Without.

SPECIAL NOTICE.

We issue a list of WHOLESALE HOUSES who keep above in stock; if for any reason you have difficulty in obtaining supplies, please send postcard direct to us, and a list will be sent to you by return.

NATURAL FOOD COMPANY, Ltd.,
Cambridge Road, Bethnal Green, LONDON, E.

All advertising matter—Booklets, Window Displays Showcards, etc., free on application.

N.B.—Our goods are to be sold only at prices stated upon the Price List we issue to the trade, and we are pleased to exchange any article which may be out of condition.

Mustard?

—Yes! **Rigollot's Mustard Leaves** for Plasters. The original and only genuine.

OF ALL CHEMISTS AND STORES IN
6d. & **1/-** Packets and **1/6** Tins. –

67 Southwark Bridge, London, S.E.

LIQUID GLUCOSE

SO_2 Free.

NO BLUEING USED.

Specially pure for Pharmaceutical Preparations.

THE MANBRÉ SACCHARINE Co., Ltd.,

HAMMERSMITH, LONDON, W.6.

SPRING'S

PACKED TABLE

HONEY

All Varieties, i.e., "White Clover," "Heather," etc.

SPRING & CO., Ltd., BRIGG, LINCS.

(The Largest Collectors and Packers of Honey in Gt. Britain)

(*Supplies temporarily suspended*).

WE ARE CONSTANTLY RECEIVING LETTERS FROM CHEMISTS—

HEALO AGENTS

enclosing testimonials from purchasers, all of which testify to the value of the healing properties of **HEALO,** eminently satisfactory to us and equally so to the Agent. His interest is stimulated by the knowledge that he is handling a good article and a good paying line. On the P.A.T.A. Sells at **1/3,** and costs with bonus **9½d.**

MAURICE SMITH & CO.

Manufacturing Chemists, KIDDERMINSTER.

PURE ORANGE WINE

A. MILLAR & CO., LTD., DUBLIN

(VINUM AURANTII B.P.) Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.)

London Agent: JAMES STIRTON 43 GREAT TOWER STREET, E.C.

SALICYLATES ACID and SODA

BENGOL TRADING CO., Inc., Gresham House, Old Broad St., E.C. 2. Telephone: London Wall, 4597, 4598. Tele. Add.: "Bengol, Gresham House, London." (2)

LIQ. SANTAL FLAV. c. BUCHU et CUBEBA

(Hewlett's)

Price 11/- per lb. Packed for dispensing only, in 10, 22, 40 and 90 oz. bottles.

"Experience has shown this preparation to possess the same efficacy as Santal Oil itself. It mixes clear with water, and has a taste by no means disagreeable."

The Practitioner.

VIROPHOS

TRADE MARK

Of proved utility in Nervous Diseases, and a Powerful Restorative for the Digestive Organs and Nervous System.

A Valuable Tonic Food for Children.

"It is of high nutritive value, enhanced by the presence of assimilable phosphates."—*The Lancet.*

WHOLESALE PRICES:

No. 1.	1½ oz. Tin ...	9/-	per doz.
" 2.	3½ " " ...	14/6	"
" 3.	6½ " " ...	24/-	"
" 4.	13 " " ...	42/-	"

Introduced and prepared only by

MIST. PEPSINÆ CO. c. BISMUTHO

(Hewlett's)

Price 11/- per lb. Packed for dispensing only, in 10, 22, 40 and 90 oz bottles.

"Obviously likely to be of much advantage in the frequent cases of irritative dyspepsia, with atony of gastric or intestinal muscular layers."

British Medical Journal.

C. J. HEWLETT & SON, Ld., Wholesale Druggists, 35-42 Charlotte St., LONDON, E.C.2.

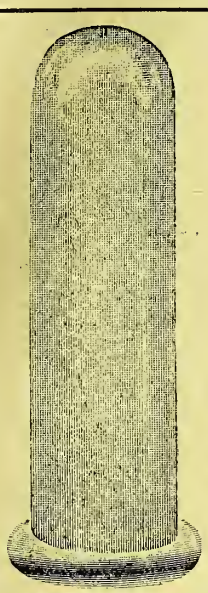
Telephone: CITY 7 PRIVATE BRANCH EXCHANGE
Telegrams: ELEVEN CENT LONDON

S·MAW·SON & SONS LTD
7/12 ALDERSGATE STREET
LONDON
ENGLAND

Cables: ELEVEN LONDON
Code: A:B:C 4th & 5th Edition

Maw's Page.

NUMBER 329. FEBRUARY 2, 1918.


2049/F.—For Calves.

2051/F.—For Lambs.

TEATS for the LAMBING SEASON 1918

PRICES.

FOR LAMBS.

Fig. 2050/F.
Reg. Plug ... Black, **7**/- doz.; White, **5**/- doz.

Fig. 2051/F.
Plug ... ... Black, **5**/**9** doz.; White, **4**/**6** doz.

Fig. 2052/F.
Black Cut Sheet, **3**/- doz; White Seamless, **2**/**6** doz.

FOR CALVES.

Fig. 2049/F.
Black Cut Sheet, **6**/- doz.; White Seamless, **4**/- doz.

2050/F.—For Lambs.

2052/F.—For Lambs.

HOURS OF BUSINESS: 8.30 a.m.—5.30 p.m. CLOSE AT 1 p.m. SATURDAYS.

There's profit

in

"Regina"

Shaving Stick

The profit on "Regina" makes "Regina" worth while. Apart from the profit,

The Shaving Soap worth while.

Attractive Showcard—Arresting Publicity—Immediate Sales.

you are handling an article that is splendid value for the money, a point freely conceded (as our correspondence shows) by the public and the trade. Each stick of "Regina" makes a satisfied and permanent customer. Experience proves that, from ***every*** point of view, "Regina" is a really good trading proposition.

A postcard to-day brings a sample for trial.

PRICE'S
BATTERSEA,
LONDON, S.W. 11.

LIST No. 825c.

THE LINE THAT SHOWS A GOOD PROFIT

WHOLESALE, **90/-** PER GROSS

USUAL TERMS.

RETAIL - - - **1/-** PER STICK

PACKED IN TINS AND CARTONS.

LIST No. 825c,

A Stick that Sells Itself!

EDWARD COOK & CO. Ltd.

The Soap Specialists,

THE SOAPERY, BOW, LONDON, E. 3

PETROLEUM JELLIES

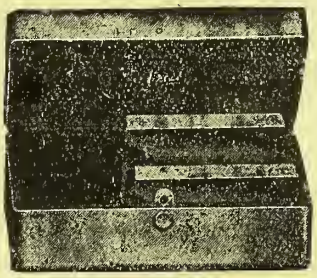
White, Yellow, Amber and Red.

For Pharmaceutical and General Purposes.

AMERICAN SPIRITS OF TURPENTINE,
OLIVE, CASTOR, COLZA OILS,
ROSIN, and LUX BLOOMLESS MINERAL OILS.

James Arnott & Sons, Ltd.

Newcastle-on-Tyne and Cardiff.



SAFETY RAZORS

British Made.

Numerous patterns, suitable for all markets.
English or Foreign catalogues on application.
We are the largest makers in Great Britain.

ROWLAND HODGES Ltd., Birmingham, Eng.

Branch Offices: **LONDON (Turner, Ryalls & Co., Ltd., Agents), 64 Basinghall Street, E.C.; GLASGOW: 52 St. Enoch Square.**

"Strodonia"

VANISHING CREAM

is extensively advertised. Don't miss sales by being out of stock. Two sizes—7½d. @ 5/6, 1/- @ 9/- per doz.; from May Roberts; Newbery, or Sangers.

For displaying a small showcard, we make the following offer on INITIAL DIRECT ORDERS:—

1½ dozen	7½d.	selling for	11 3
¾ "	1/-	" "	9 0
For 10/- cash with order, carriage paid.			20 3

SPECIAL TERMS FOR LARGE BUYERS.

STRODE COSH & PENFOLD, Manufacturing Chemists, LOWER UNION ST., BRISTOL.

Sound Corks

Sound as the Pyramids

Trade-marked in this way so that their predominating qualities may "stand out" more than ever. You try them and see! And if you're not satisfied send them back and get your money.

PYRAMID TRADE MARK

Pyramid Corks - the kind that stand the test. Write to-day, please

N.W. Mitchell & Sons, Ltd.,
The Cork Firm, **London, E.14.**

1868 to 1918

"It matters not how long we live, but how?"—*Bailey (Festus)*

Conserve the Lard for Food purposes

There is difficulty in procuring a sufficient supply of Lard to keep pace with the demand for Ointment prepared with that base.

The following Cremors which have proved their worth over a number of years will come in particularly handy at this juncture.

Cremor Zinci—Ayrton

A finely milled, superior Zinc Ointment. This preparation is free from rancidity and thus possesses a distinct advantage over ordinary Zinc Ointment.

Composed of levigated Zinc Oxide 15% and Cremor Lanoline.

Cremor Sulphuris—Ayrton

A finely milled, superior Sulphur Ointment. This preparation is free from rancidity and possesses properties not found in ordinary Sulphur Ointment.

Composed of Sublimed Sulphur 10% and Cremor Lanoline.

Cremor Antisepticum—Ayrton

Antiseptic Antiputrescent Deodorant Sedative. :: :: ::

An invaluable healing Ointment for sores and wounds of all descriptions.

Composed of Acid Boric, Phenol, Formaldehyde, Ol. Gaultheriæ, Zinc Oxide and Cremor Lanoline.

PRICES ARE—

4lbs. -	at 1/9 per lb.	28lbs. -	at 1/7½ per lb.
7lbs. -	„ 1/8½ „	56lbs. -	„ 1/7 „
14lbs. -	„ 1/8 „	112lbs. -	„ 1/6 „

Make a point of reading page 15. That's our's!

AYRTON, SAUNDERS & CO. LTD.

LIVERPOOL

Ingram's MILKWEED CREAM

Has been CONSISTENTLY ADVERTISED in the best AMERICAN and CANADIAN PERIODICALS for twenty-five years.

A Medicinal Toilet Cream with a world-wide demand that is rapidly increasing.

Two sizes: 2/-, per dozen 8/-; 4/-, per dozen 16/-. Prepaid Parcel Post. Samples and store displays free with every order.

Introductory Offer. Cost £2; Retails 60/-—Profit 20/-.

½ Doz.	Ingram's Milkweed Cream	Retails 2/-	Price	8/-
½ Doz.	,, Velveola Souveraine (Face Powder)	,, 2/-	,,	8/-
½ Doz.	,, Zodenta Paste for the Teeth	,, 1/-	,,	4/-
¼ Doz.	,, Rouge, Light, Medium, Dark	,, 2/-	,,	4/-
½ Doz.	,, Perfume, 1 oz. assorted in fancy packages	,, 4/-	,,	16/-
	100 Guest Room Packages free			£2

Send us with your order the names of 100 of your lady customers, and we will mail each of them a handsome folder, inviting them to call at your store and get our Guest Room Package free, containing one each of the above in sample sizes, including Perfume.

If more convenient to you, specify shipments from our Canadian Plant.

FREDERICK F. INGRAM COMPANY (Established 1885).
411 Lafayette Building, Detroit, U.S.A. Canadian Plant: Windsor, Ont.

Twenty-five years' continuous advertising has made this trade mark known wherever American and Canadian publications are read.

LOFTHOUSE & SALTMER, Ltd.

Wholesale & Export Drug Merchants, Manufacturing Chemists

HULL

INVITE the Trade to take up the following valuable P.A.T.A: Protected Lines, bearing a very large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

P.A.T.A.	Protected Retail Price.	Dozen Net.
*LOSALL'S SALT (well advertised), tins	9d.	6/6
* ,, ,, ,, ,, ,,	1/6	13/-
* ,, ,, ,, ,, bottles in cartons	1/6	13/-

Losall's Salt sells so well, surely it must pay Pharmacists to stock such a big profit-bearing protected line.

Owing to the great increase in the cost of raw material and containers for our Losall's Salt, we are compelled to raise the trade prices, but the retail protected prices are proportionately increased.

LOSALL'S COMPOUND SULPHUR SOAP.

A valuable emollient medicated skin soap, especially suitable for use in Eczema } 1/6 13/6

Chemists requiring effective advertising matter for Losall's Salt, &c., will, on application direct to Lofthouse & Saltmer, receive a liberal supply of Dummies, Showcards, Window Slips, Price Tickets, &c., Carriage Paid, whether or no they have an account open with the Firm.

KO-TAL-KO

IS ASKED FOR EVERY DAY BY YOUR CUSTOMERS

Stock "KO-TAL-KO" because

You cannot offer or sell a more effective hair restorer and maintainer—one more natural in its principles and certain in its effects.

Your regular customers will want it from you, and if they do not obtain it at your store will be tempted to go elsewhere.

You will never have your stock of "KO-TAL-KO" tying up your capital uselessly—on the other hand, your repeat orders quickly follow.

My trade terms will suit you, for they allow you to make your proper and deser ved profit, and you are working on sound business all the time.

NOTE TRADE TERMS (P.A.T.A.)—

5/- Size ... ... **48/-** per dozen
12/6 ,, ... **112/6** ,,

J. HART BRITTAIN, Ltd.
(Dept. C.D. D),
2 PERCY ST., LONDON, W.1

KO-TAL-KO

DRUGS,
PHARMACEUTICALS
AND
CHEMICALS

Druggists' Sundries, &c. &c.

EVANS

Counter Adjuncts.
OWN NAME AND ADDRESS.

LISTS IN ENGLISH, SPANISH, RUSSIAN, &c.

TRADE *MARK*

EVANS SONS LESCHER & WEBB
Limited
LIVERPOOL AND LONDON.
Also New York, U.S.A.

TOOGOOD'S SHAMPOO POWDERS

EGYPTIAN HENNA SHAMPOO POWDER.

In boxes containing 7 Powders. Superior Quality and Delicately Perfumed, 10/6 per dozen boxes.

PINE, 7/6 doz.

PINE & HENNA, 8/9 doz.

PINE.

In Envelopes, 7 in box, 7/6 per dozen boxes.

PINE & HENNA.

In Envelopes, 7 in box, 8/9 per dozen boxes.

Customer's name free on 3 dozen boxes or bottles.

MANUFACTURED ONLY BY—

WILLIAM TOOGOOD, Ltd., 77 Southwark St., London, S.E.1.

BEETHAM'S "LAROLA"

(Registered)

Is the Skin Tonic for 1918.

It is effective.
It is attractive.
It is price-protected.
It is well-advertised.
It sells readily.
It bears a good profit.

HAVE YOU OUR SHOWCARD?

THIS IS WHAT THE "C. & D." SAYS OF IT:

BEETHAM'S NEW SHOWCARD.—One of the prettiest lithographic productions which have come to us lately is the Larola beauty here depicted. The card measures 24 in. by 18 in., and is all roses, even the word "Larola" being formed from prickly rose-stems. The fair rose-gatherer has rosy cheeks, and she and the setting make so bright a picture that no pharmacy will be complete without it. Copies can be obtained from Messrs. M. Beetham & Son, Cheltenham, the originators of Glycerine-and-Cucumber and Larola.

This handsome Showcard, in 14 colours (size 24 by 17) can be had by any chemist who will give it a good place in his pharmacy.

M. BEETHAM & SON, CHELTENHAM.

More business-larger profits.

THE extensive advertising of MOVOL is creating a demand which grows bigger every day.

Advertisements are appearing in leading National publications and Fashion periodicals, telling housewives that Iron-mould, Ink-stains and Fruit-stains are no longer immovable, and that

TRADE MARK MOVOL Regd

is sold by Chemists everywhere. Are you participating in the profits?

Mail a P.C. now for trial stock and display material to

W. EDGE & SONS, Ltd.
BOLTON, LANCS.
(The Drummer Dye People.)

"Newbery's"
FRANCIS NEWBERY & SONS Ltd.

Dental Cream de Luxe.

A Tooth Paste for refined tastes. Put up in most artistic cartons in the following flavours :—

Formalin, Mint,
Thymol,
Oxygen,
Areca.

Price 7/- per doz.

Will attract the best class of customer to your establishment.

Charterhouse Square,
LONDON, E.C.

British Registered Trade Mark

for an article formerly imported from Germany, now BRITISH MADE, of superior quality, taken up by West-End and Provincial firms. The owner requires one or two Working Partners or to form a Syndicate to develop the business after the War for the English market and British Colonies, with best prospects in view. There are great possibilities, without any risk, showing profitable results. Registered abroad. :: (No Agents need apply.)

Address 248/55, Office of The Chemist and Druggist, 42 Cannon Street, London, E.C. 4.

DECOLTENE
The liquid hair remover

Dinkie
The Dainty Deodorant

The intelligent depilatory. Simple, safe and effective. Pleasant and harmless. Invaluable during the décolleté vogue. Daintily packed.

An attractive line that enjoys good sales. A greaseless Cream, that takes the odour out of perspiration. Daintily packed in opal jars.

Ask your wholesaler. Both articles largely advertised.

SATISFACTION GUARANTEED OR MONEY BACK.

TRADE TERMS.

DECOLTENE. Advertised and min. Retail price 3/9
Trade 30/- per doz.

DINKIE. Advertised and min. Retail price 2/6
Trade 20/- per doz.

5% cash with order. Carriage paid on £1 lots. Particulars on request.

ROBARTES, LTD.,
128 JERMYN STREET,
LONDON, S.W.1
Telephone - - Gerrard 3672.

PETROLEUM JELLY

Finest qualities, Red, Yellow, and White. Guaranteed B.P.

GUMS. WAXES. DEXTRINE.
CRUDE DRUGS.

W. M. KIDSTON & CO., 43/45 Great Tower St., London, E.C.

Telegrams: "KIDSTONISM, BILGATE, LONDON." Telephone: AVENUE 8057.

METHYLATED SPIRIT

OILS AND CHEMICALS.

Buy from one of the Oldest Houses in the Trade.

Write for Prices. ESTABLISHED 1794.

SAMUEL THORNLEY, Ltd., BIRMINGHAM

Are you looking after your customers' hands and complexions? If so, at once put in a

WINDOW SHOW of

ROSE VANISHING CREAM

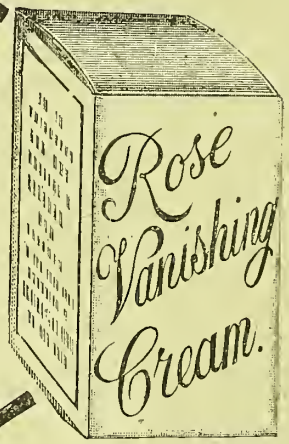
It bears no maker's name, but we guarantee it to do all that the best Vanishing Cream can do. It is delightfully perfumed, well packed and will keep its pearly lustre.

Price **78/-** *per Gross.*

2/3 *per lb. in bulk.*

HAZEL FOAM

same style and price.



THE
Empire Perfumery Co.,
Cuxson, Gerrard & Co., Ltd., Proprietors,
OLDBURY, Eng.

Dummies, Showcards, and smart Cut-outs supplied to make your window fill the till.

EARTHENWARE
and Celluloid Capped Pots and Jars, and Druggists' Sundries of every description.
PRICES ON APPLICATION.
T. NORMAN STEEL, Woodfield Lodge, Lockwood, Huddersfield.

T. SHERBORNE & CO. Surgical Appliance Manufacturers.
Abdominal Belts, Arm Slings, Elastic Hosiery, Hernia Trusses, Elastic Band Trusses, Suspensory Bandages, &c. *(Wholesale only.)*
Phone No. SYDENHAM 517. **Honor Oak Park, S.E. 23**

RECOMMEND THE PROTECTED BRAND.

Support those who support you. PUSH the Ink that ensures your profit and protects the Special War Increases as well as Standard Prices.

JOHN BOND'S

"CRYSTAL PALACE" MARKING INK

The increase is but small, ½d. a Bottle retail, either size heat or non-heat. Every other domestic commodity has risen more.

The 1/- size protected at 8d. is now protected at 8½d.

The 6d. size protected at 4d. is now protected at 4½d.

THE PROTECTED RETAIL PROFIT IS **33⅓%**

A good minimum profit on the Marking Ink which will always make new Customers.

PRICE LISTS AND TERMS ON APPLICATION.

JOHN BOND (LONDON) LIMITED, 75 SOUTHGATE ROAD, LONDON, N.1.
Telephone: Dalston 1824. Telegrams: "Actinic, Kinland, London" (2 *words.*)

Liquid Paraffin B.P.
All Gravities

Petroleum Jelly.
White & Yellow

STERNS
LTD.
Royal London House,
FINSBURY SQUARE,
LONDON, E.C 2
Telephone:
3797 London Wall (4 lines).
Telegraphic Address:
"Centumvir Phone London."

White and Half-White Oils.
Coloured Oils
Bloomless Oils

All Melting Points
Paraffin Wax.

IMMEDIATE DELIVERY
GATES' BOTTLE CAPPING SKINS

SNOW-WHITE OPAQUE ROLLED SKINS.

SOMETHING QUITE NEW. These Skins are damp and READY FOR USE. The raw material for Baudruche manufacture being now unobtainable, I have put this new production on the market in its place. ABSOLUTELY AS OPAQUE as Split skins and equal in appearance.

"Mine beat all others."

Sole Pioneer and Only English Manufacturer:
LESLIE GATES,
3 & 14 Nightingale Road,
Clapton, E. 5.
Telegraphic Address:
"Englishism, Lowclap, London."
Telephone: Dalston 1207.

ALSO GOLDBEATER'S SKIN FOR MEDICAL PURPOSES.
THE CHEAPEST & MOST EFFECTIVE CAPPING EVER PRODUCED.

CAPPING SKINS
WHITE SPLITS
BAUDRUCHE
Arthur Toombs & Co.
110 CANNON STREET, LONDON, E.C. 4.
Telephone No. CENTRAL 13374
Telegraphic Address— "DEFLECTION, CANNON, LONDON."

THE DIGESTIVE FERMENTS CO.

DETROIT, U.S.A.

BACTOPEPTONE

Acknowledged to be the best and most reliable Peptone for Bacteriological use.

DIASTASE	HÆMOGLOBIN
PANCREATIN	OX GALL
PEPSIN	SODIUM CHOLATE
TRYPSIN	,, GLYCOCHOLATE

ORGANO-THERAPEUTIC PRODUCTS
OVARIAN, THYMUS & THYROID SUBSTANCES, &c.

Address inquiries, orders, &c., to
MAY & BAKER, LTD., BATTERSEA, LONDON, S.W.

Tels. : "Ideas Leeds." 'Phone : 1635

ALF. HARRISON & SONS

General Printers,

224 Burley Road, Leeds,

Are the people you require to execute your orders promptly and in first-class style.

ENVELOPES & FOLDING BOXES A SPECIALITY.

We shall be pleased to quote for your requirements.

Competition for Quality.

SACCHARINE TABLETS

½ gr. 330 in 1.

per lb.	....	**120/-**	Cash with Order.
100's	....	**22/6** doz.	
200's	....	**44/-** doz.	
500's	....	**106/-** doz.	
1,000's	....	**210/-** doz.	

Jules Denoual & Co.

Carlton Works,
ASYLUM ROAD, S.E. 15.

EGG PRESERVING

Best Water Glass

TOMLINSON & HAYWARD, LTD., LINCOLN.
Largest Packers for the Trade.

DODGE & OLCOTT CO., 20 MARK LANE, LONDON, E.C.

THE "D & O" BRAND

is the "Standard of Quality" for

OILS of BAY, CEDARWOOD, PATCHOULI, PEPPERMINT, SASSAFRAS, ETC.
BALSAMS of Copaiba, Peru, Tolu.
TONKA BEANS, Angosturas.

'Phone: CITY 2468.

Telegrams: "EGDARF, FEN, LONDON."

We are at the moment OPEN TO PURCHASE for cash the following articles in round quantities in bulk, and invite special offers.

SALICIN
ROCHELLE SALTS
GUAIACOL
SPARTEIN

FBL LTD LONDON

FREDK. BOEHM LIMITED
15, 16 & 17 JEWRY STREET, LONDON, E.C. 3

10d.

Make your old Hat a new one.

In bottles, 10d. each, in separate neat cartons, with suitabl. brush.

These Dyes are a distinct invention, dyeing the straw without an objectionable varnished appearance, and producing the effect of new goods.

NO GLOSS. NO POLISH.
On the P.A.T.A.
WRITE FOR TERMS, PATTERNS, ALSO LEAFLET OF TESTIMONIALS.

"Luton" HAT DYE

WHITAKER & CO., COLOUR WORKS, KENDAL, ENG.
London Depot; 60-62 Clerkenwell Road, E.C.
"Glossy" Series supplied if desired.
Special Non-Inflammable Series for Export. Est. 1878
Telegraphic Address: "Dullette Kendal." Telephone: No 214

Important Notice!

NEW AND REVISED PRICES.

Dr. ROOKE'S

Solar Elixir **Oriental Pills**
Rheumatic Lixile **Golden Ointment**

CROSBY'S

Balsamic Cough Elixir **"Kre-Ozone"**

Size	1/3	3/-	5/-	12/-
Minimum Retail Price...	1/3	3/-	5/-	12/-
Wholesale (per dozen) ...	12/6	30/-	49/6	122/6

DISCOUNT: 10 per cent. on parcels of £5 and upwards, cash at 14 days. An extra discount of 1½ per cent. is allowed for CASH IN SEVEN DAYS. (These terms will be strictly adhered to.)

Carriage paid on £5 parcels. Packages free.

In view of the extensive demand created for these products by our new advertising campaign, and in order that your customers shall secure these articles in their best possible condition, the Proprietors give notice that they are willing to exchange any old or soiled stock for new stock.

NOTE.—Dr. Rooke's Medicines are on the P.A.T.A. Protected List, and must not be sold below the above-mentioned prices.

Dr. CHARLES ROOKE, LIMITED, Proprietors, LEEDS.

EUCALYPTUS OIL
(RECTIFIED).

Eucalyptol Content	70/80 %
Optical Rotation	0 to 1
Specific Gravity	·919 to ·928

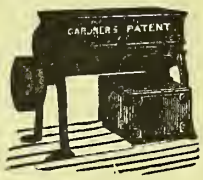
Absolutely Free from Phellandrene.

Quotations by cable. Wholesale Trade only.

BURNSIDE & COMPANY
Eucalyptus Oil Distillers,
VICTORIA, AUSTRALIA.

New Postal Address— 439 Flinders Lane, Melbourne. Cables—"Burnside Company, Melbourne."

GARDNER'S PATENT
"RAPID" SIFTERS & MIXERS



OVER 4,000 working in almost every Trade where POWDERS are Sifted and Mixed and Lumps Reduced, all being done at one operation and without loss by dust

FOR HAND OR POWER.
From 55/- to £90.
CATALOGUES FREE.

WM. GARDNER & SONS, Engineers, GLOUCESTER.

CASEIN
ALIMENTARY AND INDUSTRIAL

Dairy Produce Importers.
NIEUWHOF, SURIE & CO., LTD.
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CONCENTRATED WATERS.

Aqua Amygd. Amar. Conc. (U.S.)
" Anethi Concent.
" Anisi "
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" Carui "
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" Rosmarini "
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WHOLESALE TERMS ON APPLICATION.

STANDARDISED TO B.P. 1914. Customs drawback on Export Orders now allowed. Inquiries solicited, which shall have prompt attention. Samples **free to the Trade.**

NOTE.—These **original** Concentrated Medicinal Waters (1-40) still maintain their foremost position, and are unsurpassed by any other make.

STOVAINE

THE LEAST TOXIC OF LOCAL ANÆSTHETICS

USED IN THE SAME WAY AND AS EFFICACIOUS AS COCAINE

Does not create a habit and does not give rise to headaches, nausea, vertigo or syncope. :: :: *Literature on demand.*

NO HOME OFFICE LICENSE REQUIRED

Cheaper than Novocain and Benzocain and obtainable promptly in practically unlimited quantities from the manufacturers:

LES ETABLISSEMENTS POULENC FRERES

92, RUE VIEILLE DU TEMPLE, PARIS.

"Prana" Sparklets.

NOTICE TO THE TRADE.

MESSRS. AERATORS, LTD., regret that it has been, and will be for some time yet, impossible for them to meet demands for the "Prana" Sparklet Syphons and Bulbs, not only owing to other urgent war work, but also to the restricted supply of materials and the large demands (which must be considered preferentially) by the Expeditionary Force Canteens, Red Cross Society, &c. &c.

As regards "D" Bulbs, for the time being it is only possible to refill empty bulbs returned, and the Company request the co-operation of the Trade in the return of as many empties as possible for refilling.

AERATORS LTD.,
"Prana" Sparklet Works,
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More Customers

The Beverage

of Health

Will call at your store if they know you stock Vi-Cocoa because this food beverage of the people is in great demand as a tonic restorative in cases of mental and physical overstrain.

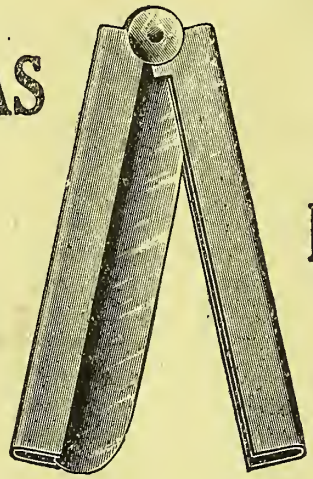
Display Vi-Cocoa in your window—it will attract many who would otherwise pass you by. Write for trade terms to-day—they are particularly favourable.

The Watford Mfg. Co. Ltd.
Delectaland —— Watford.

Vi-Cocoa

The

REGNAS



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CUT IT OUT

Use when the corn is dry,
The harder the better, just try.
That's why you ought to buy

The "Regnas" Corn Razor

ENGLISH MAKE

FINELY TEMPERED BLADE
EXCELLENT CUTTING EDGE

THE "REGNAS"
CORN RAZOR
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EXAMINE THIS ONE.

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profit.

A BRITISH ARTICLE
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Each Razor sent out in Manilla envelope printed as sample shown at bottom of showcard.

Retails at **10½**d. each.

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1 doz. lots, with showcard, at

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By Post, 4d. extra.

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SAVE 3/- PER GALLON

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GUARANTEED GENUINE

NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL

OF NEW SEASON'S MAKE.

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

WHOLESALE ONLY.

Kindly write for sample to

JOB BROS., Manufacturers, Tower Building, LIVERPOOL.

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And of ST. JOHN'S, N.F. Established 1780.

BUYERS OF BOTH

Saccharine

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SACCHARINE TABLETS

are requested to write for our prices which are most advantageous.

Having put down further machines for the making of the tablets we are now up-to-date with orders and can give prompt delivery.

BROOK, PARKER & CO. Ld.

Nelson Street - BRADFORD

Contractors to H.M. Government, The Army Medical Department, The Army Veterinary Department and The American Government (War Department).

Bidwells' Ltd.

TOILET BRUSHES

Finest Quality.

HAIR BRUSHES

Bidwell's "GLORIA" Silverdrawn Perfect Tooth Brush

Head Office and Factories: AXMINSTER, Devon

London Office:

BUSH LANE HOUSE, CANNON STREET, E.C.4

Successful Capture of German Trade

Petroleum Jellies,

B.P. 1914.

'JASMINE' Our Regd. Brand

SNOW-WHITE
LIGHT YELLOW
AMBER

Finest Grades on the Market

Super-Excellent **Adeps Lanae** Odourless, Palest-lemon, Anhydrous

Tasteless, Viscous **Liquid Paraffin** Spec. Grav. .860-.870 .870-.880 .880-.890

Wholesale only

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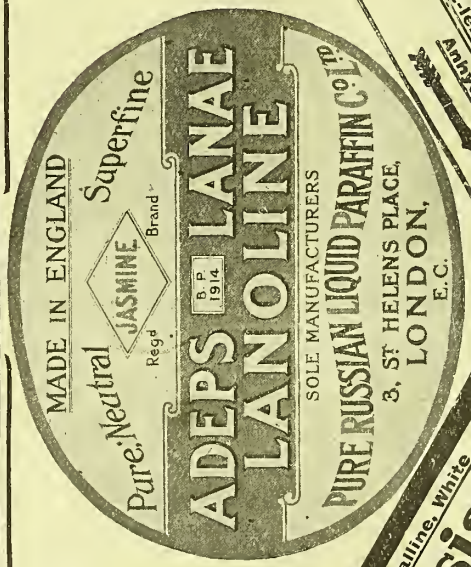


B.P. 1914

Delivery from Stocks

Any quantities

Only ONE Quality THE BEST

Crystalline, White **Genuine Russian** Hard, Hydrous, White

Stringy, Transparent **Lanoline** 'JASMINE' Our Regd. Brand Unbeaten yet

The
PURE RUSSIAN
LIQUID PARAFFIN CO.
LIMITED
3 St. Helen's Place,
LONDON, E.C. 4.

ACTUAL
Manufacturers at our Works, near London.

Important Notice

AS HAS BEEN ANNOUNCED

in the Protected List of THE P.A.T.A.
the MINIMUM RETAIL SELLING PRICE of

Kutnow's Powder

IS NOW 2/9 PER BOTTLE (FACE VALUE)

This yields a considerable increase of profit to chemists, nevertheless Messrs. KUTNOW are keeping to their wholesale price, as hitherto, in spite of the enormous rises in the cost of all the materials, bottles and everything else in connection with the manufacture of KUTNOW'S POWDER. In view of the above facts, Messrs. KUTNOW trust that both the wholesale and retail trade will co-operate with them in creating a still greater demand for KUTNOW'S POWDER, and that no substitutes for KUTNOW'S POWDER will be offered to the public in future.

What The Trade Think

A SENSIBLE ADJUSTMENT

The general opinion of the Retail Trade was graphically expressed (when the intended change was announced) in one word—"GOOD!" As the new arrangement is so strongly endorsed by the Trade, Messrs. Kutnow will appreciate the co-operation of the Trade by their carrying a good stock of Kutnow's Powder and making a Window Show of it. Please fill in the adjoining coupon.

SEND THIS COUPON FOR SHOWCARDS FREE OF CHARGE

To S. KUTNOW & CO., Ld.,
41 Farringdon Road, London, E.C. 1.

Please send me Showcards, carriage paid.

NAME.....

ADDRESS.....

.....

"Chemist & Druggist," Feb. 2, 1918.

S. KUTNOW & CO., Ld., 41 Farringdon Road, London, E.C. 1.

Profits on Proprietaries

"QUINPHOS" REGD.

THE GREAT TONIC.

There is a bonus given with a Window-Show Order of "QUINPHOS," the conditions being simply the placing of a small very high-class Showcard in a prominent position in the window and an order for a small amount of the goods.

This means that the profit on "Quinphos" is

36% on SELLING PRICE

Please write for full particulars to the SOLE MAKERS—

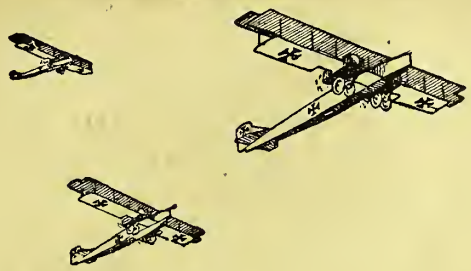
THOMPSON & CAPPER, LTD.

Manesty Buildings, College Lane,

LIVERPOOL.

Telegrams: "Sanitas Liverpool." Telephone: 2060 Royal (Private Branch Exchange).

Established 1843.



A form of Air Raid Insurance for your customers

TRADE MARK 'TABLOID' BRAND

First-Aid

Every customer must admit the wisdom of having a 'TABLOID' Outfit handy in case of injury during a raid.

Put the argument to them, and the 'TABLOID' Outfit in their hands for inspection. Many a sale will follow.

No. 715 'TABLOID' FIRST-AID
Measurements: 7⅝ × 4¼ × 2 in.

There is an Outfit for every customer. *See B. W & Co.'s List*

TRADE MARK 'WELLCOME' BRAND

Toilet Lanoline

The superb quality of this product is bound to ensure its success. Be sure you have a stock to meet the demand.

Reduced facsimile

Supplied in tubes of two sizes at 6/0 and 12/0 per dozen, subject.
Each size strung on neat display cards of 6 tubes

BURROUGHS WELLCOME & CO., LONDON

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Telegrams: "TETRADOME, TELEW, LONDON" (2 words).

Telephone: LONDON WALL 6123 (6 lines).

THE BRITISH DRUG HOUSES LIMITED
BDH
LONDON

REGISTERED TRADE MARK.

CHEMICAL WORKS:
Wharf Road, N.

REGISTERED OFFICES
and address for all communications:
22-30 Graham Street,
City Road, N.

THE CHEMIST AND DRUGGIST

A Weekly Journal of Pharmacy and of the Chemical and Drug Trades.
ESTABLISHED 1859.

The CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official Journal of many Chemists' Societies in Australia, Ireland, New Zealand, South Africa, and the West Indies.

SUBSCRIPTION RATES.
Twelve Shillings and Sixpence a year in advance, post free to any part of the world, including a copy of *The Chemist and Druggist Diary* next published. Subscriptions may begin any month. Single Copy, 6*d.*; Summer or Winter Number, 1*s.*; *Diary* 3*s.* 6*d.* Postal orders and cheques to be crossed "Martin's Bank (Limited)."

Prix de l'abonnement annuel : le journal une fois par semaine, et l'agenda une fois par an, 12*s.* 6*d.*, franco.

Подписная цѣна на еженедѣльный журналъ съ приложеніемъ годового Дневника—12 шиллинговъ 6 пенсовъ на годъ съ пересылкой.

Precio de suscripción anual: el periódico una vez por semana, y el agenda una vez por año 12 ch. y 6 peniques, franco.

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Head Office: 42 CANNON STREET, LONDON, E.C. 4.
Telegrams: "Chemicus, Cannon, London." Telephone 3617 Central (three lines).
Branches: MELBOURNE AND SYDNEY, AUST.

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Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Monday, February 4.

Society of Chemical Industry, London Section, Royal Society of Arts, John Street, Adelphi, London, W.C., at 7.30 P.M. Discussion on the proposed formation of a British Association of Chemists.

Tuesday, February 5.

Western Pharmacists' Association, Frascati's Restaurant, Oxford Street, London, W., at 8 P.M. Discussions on "Face-value for all P.A.T.A. Articles," opened by Mr. J. Keall, and "The Pharmaceutical Aspect of the Proposed Ministry of Health," by Mr. J. W. Deakin.

Wednesday, February 6.

South-West London Pharmacists' Association, Stanley's Restaurant, Lavender Hill, S.W., at 8 P.M. Mr. J. P. Gilmour, Editor of the "Pharmaceutical Journal," on "The Animal Ancestry, etc., of Man."

Public Pharmacists' Association, St. Bride Institute, Bride Lane, Ludgate Circus, London, E.C., at 7.30 P.M. Annual general meeting.

Thursday, February 7.

Glasgow and West of Scotland Chemists' Association, 165 Hill Street, Glasgow, at 9 P.M. Mr. J. H. Ramsay, Ph.C., on "Mendel: The Man and His Work; An Introduction to the Study of Mendelism."

Progressive Pharmacy Club, Arundel Hotel, Victoria Embankment, London, W.C., at 8 P.M. "At Home."

European War News.

Import and Export Notices.

MOROCCO.—By an Order published on December 24, the exportation of fenugreek-seed from the French zone in Morocco has been prohibited.

UNITED KINGDOM.—Revised arrangements have been made by the War Trade Department in order to facilitate the exportation of samples of prohibited goods from the United Kingdom without Privy Council licences. The new arrangements are set out in full in the "Board of Trade Journal" (January 24).

Turpentine Control Order, 1918.

The Minister of Munitions, in exercise of the powers conferred upon him by the Defence of the Realm Regulations, has issued the following Order:

(1) No person shall on or after January 25, 1918, until further notice purchase or take delivery of any spirits of turpentine or any turpentine substitute as hereinafter defined now or hereafter situated in the United Kingdom except under and in accordance with the terms of a licence issued under the authority of the Minister of Munitions or of the Board of Admiralty, or of the Army Council, or sell, supply, or deliver any such spirits of turpentine or turpentine substitute to any person other than the holder of such a licence, and in accordance with the terms thereof; provided that no such licence shall be required by any person for the purchase and delivery of any such spirits of turpentine or turpentine substitute in quantities not exceeding an aggregate of 5 gals. during any one calendar month. (2) For the purposes of this Order the expression "turpentine substitute" shall mean mineral turpentine, white spirit, white oil, or any product of petroleum under whatever name sold or known (except motor-spirit and benzine), capable of being used as a substitute for spirits of turpentine. (3) This Order may be cited as the Turpentine, etc., Control Order, 1918. (4) All applications for licences under this Order shall be made to the Controller, Mineral Oil Production Department (M.P.S.), Ministry of Munitions, 8 Northumberland Avenue, W.C. 2.

Personalia.

GUNNER R. STEPHENSON, Royal Garrison Artillery, previously reported missing (*C. & D.*, January 19, p. 33), is a prisoner of war in Germany.

STAFF-SERGEANT W. A. RAMP, R.A.M.C., who was reported as missing, is a prisoner in Germany. He was apprenticed to Mr. Wm. Buddles, chemist, Pimlico, London, S.W.

CORPORAL GORDON HAZEL, Royal Welsh Fusiliers, has been wounded, and is in hospital in Egypt. Corporal Hazel is a son of Mr. H. Hazel (Hazel & Robson, Ltd., chemists, Rumford Street, Liverpool).

SERGENT-FOURRIER M. L. POTEAU, 204th French Infantry Regiment, has been awarded the Croix de Guerre. Mr. Poteau has been for twenty-one years with H. Mayer, sen., Ltd., London, E.C., and is the junior director of the firm.

PRIVATE S. G. GILL, R.A.M.C., has been severely injured on service in France, and is in hospital in the North of England. Private Gill has many friends in Sheffield, where his apprenticeship was served with Mr. George Squire, Ph.C., Haymarket.

SECOND-LIEUTENANT DAVID D. CAIRNIE, Seaforth Highlanders, has been awarded the Military Cross for gallantry in action between November 20 and 24, 1917. Second-Lieutenant Cairnie, whose home is at Brora, qualified as a pharmacist in 1908.

LIEUTENANT J. W. HENDERSON, Royal Irish Fusiliers, has been transferred to the Indian Army. Lieutenant Henderson is a son of Mr. James Henderson, registered druggist, Great Victoria Street, Belfast, and has seen considerable service in France.

SECOND-LIEUTENANT J. A. ARMSTRONG has been awarded the Military Cross for conspicuous bravery in the Cambrai attack, where he captured two German guns and turned them on the enemy. Second-Lieutenant Armstrong was in civil life an assistant with Mr. Philip Griffith, chemist and druggist, Shepton Mallet.

MR. GEORGE E. MARFITT, chemist and druggist, Leicester, has been gazetted second-lieutenant in the Leicestershire (Volunteer) Regiment (commission dated October 4, 1917). Second-Lieutenant Marfitt was at one time Acting-Commander of the Pharmacists' Sanitary Corps of his regiment, but rejoined the infantry as platoon sergeant in consequence of official recognition of Volunteer sanitary units being withheld.

B

Miscellaneous.

Marmalade and Jellies.—The manufacture of fancy marmalade and orange and lemon jelly is prohibited except under licence from the Food Controller.

Irish and Scottish Oats Exports.—The Food Controller has made an Order prohibiting, except under licence, exports of oats from Scotland and Ireland.

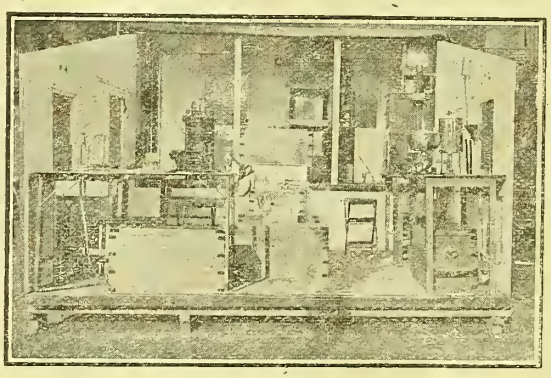
Belgian Doctors' and Pharmacists' Relief Fund.—Among the subscriptions received recently are Mr. G. M. Arrowsmith, 3*l.*; Mr. J. P. Ellerington, 10*l.*; Mr. W. J. Shepperd, 10*s.* 6*d.*; Mr. T. R. Cook (Edward Cook & Co., Ltd.), 1*l.* 1*s.*; Mr. C. S. Ashton, 1*l.* 1*s.*; Sir Thomas Barclay, 20*l.*; Mr. Walter Hills, 3*l.* 3*s.*

One-man Businesses.—The Minister of National Service announces that Mr. Fred. Pickering, 31 Sunbridge Road, Bradford, has been appointed to assist the Ministry in promoting co-operation on the lines recommended in the recently issued circular (*C. & D.*, December 29, 1917, p. 33) with a view of safeguarding one-man businesses.

Restrictions on Imports.—A special Supplement to the "Board of Trade Journal" of January 24 has been issued containing the revised and consolidated interpretations and decisions that have been arrived at in the course of administering the prohibitions of imports up to December 31, 1917. This Supplement takes the place of the consolidated list of March 29, 1917.

Making the Best of it.—Mr. Walter Ecroyd, Ph.C., North Street, Keighley, has received from an assistant now on active service in France a description of a species of insect that experience in the trenches has brought under his unwilling notice. The following is an extract: "Bitorpedic and centipedicular, it is exclusively carnivorous or sanguinivorous, and, besides being heavily armoured, possesses a kind of artesian-well boring apparatus. In my battalion they have been training the lustier insects to 'hump the pack.' Being impervious to poison-gas and shell-shock, it has been suggested that an army corps of them should be trained to act as gas guards."

Motor Bacteriological Laboratory.—Mr. Henry S. Wellcome, the Wellcome Bureau of Scientific Research, has presented to the War Office a completely equipped motor bacteriological laboratory. The formal presentation was made last week by Mr. George E. Pearson, on behalf of Mr. Wellcome. The laboratory is arranged so that one



side can be opened out to form an annex, and the interior is fitted with a complete equipment of bacteriological apparatus and electric-light plant. The illustration shows the interior, the photograph being taken from outside the annex.

Women Dispensers.—Quite recently women dispensers have been sent out to France, and shortly they will be sent to Salonica as well. In some cases dispensers who have done war work in England have been sent out and in others new workers are engaged. Just now there is a demand for women holding the "Minor" qualification. They are paid at the rate of 49*s.* to 55*s.* a week. Those who have been promoted to foreign service receive a higher rate than those just engaged. Dispensers can sign on for one year or for the duration of the war; those who sign for the latter receive a higher rate of pay than those who sign on for a year. Women holding the Assistant's certificate of the Society of Apothecaries, London, are also accepted for foreign service, but when "Minor" women can be obtained they are given the preference. Although the rate of payment is not high, those who are already at work in France appear well pleased with their appointments.

Military Tribunals' Decisions.

Since our Last Report the following decisions have been notified:

Appleby.—The military appeal against the exemption granted to Mr. John T. Nicholson, chemist and druggist, was dismissed.

Carlisle.—The National Service Representative's appeal against the exemption granted to Mr. Thomas M. Ridley, Ph.C. (Thomas Ridley & Son, chemists), was dismissed. It was stated that Messrs. Ridley, in addition to their ordinary business, had dispensed 12,000 Insurance prescriptions in ten months, and had replaced thirteen of their men of military age by seventeen girls.

Chatham.—On appeal, four months' exemption was granted to Mr. W. J. Mason, assistant with Mr. C. E. Beveridge, chemist and druggist.

Chelmsford.—Exemption was renewed to Mr. A. E. Karston, assistant with Mr. J. E. S. Bunn, chemist and druggist.

Colchester.—Conditional exemption was granted to Mr. F. W. Last, assistant with Mr. H. E. Baker, chemist and druggist, Head Street.

Eastbourne.—Six weeks' final exemption was granted to Mr. T. L. Pride, assistant with the Lion Drug Stores, Ltd. It was stated that no substitute could be found, and that the Pharmaceutical Committee had suggested closing the shop. Two chemists in the town, however, have promised to give assistance if Mr. Pride were released.

Hereford.—Exemption to June 1 was granted to Mr. Stanley A. Shackleton, chemist and druggist, St. Peter Street.

Lambeth.—Three months' exemption was granted to the manager of W. Stevens & Co., wholesale chemists, Westminster Bridge Road, manufacturers of veterinary preparations.

Letchworth.—Temporary exemption was refused to Mr. A. C. Batt, assistant with Mr. E. E. Russell, chemist and druggist.

Lewes.—The Tribunal was informed that an exemption certificate granted on September 1, 1916, to Mr. A. E. Rodgers, assistant with Mr. Edward Wyborn, chemist and druggist, had never been operative, as its Volunteer condition had not been complied with. After considerable discussion, it was decided to apply to the Army Council for permission to re-open the case, it being understood that, pending their decision, the calling-up notice recently sent to Mr. Rodgers would remain in abeyance.

Maidstone.—A further three months was allowed to Mr. J. S. Cheetham, chemist and druggist, assistant with Mr. F. J. Oliver, chemist and druggist, with an instruction that every effort must be made to obtain a substitute.

Portland.—The adjourned case of Mr. William Flack, chemist and druggist, Fortune's Well (*C. & D.*, December 1, 1917, p. 34) was raised in the Dorset Appeal Court in the form of a military objection to further adjournment, the Military Representative stating that medical reasons were only put forward by Mr. Flack on October 31. The military claim failed, and the case was remitted to the local Tribunal.

Portsmouth.—Temporary exemption to May 1 was granted to Mr. H. A. Elliott, chemist and druggist, London Road, whose appeal was supported by a local doctor. It was pointed out that the calling-up of large numbers of doctors considerably increased the work of pharmacists.—Similar exemption was given to Mr. Lees, assistant to Mr. James Cooper, chemist and druggist, London Road.

Rochdale.—Mr. J. H. Baehren, surgical-gut manufacturer, who said he was the only member of that trade in a large area, was given exemption to March 31.—Exemption to April 30 was granted to Mr. J. T. C. Goodhew, manufacturing chemist.

Rochester.—Mr. Clement George Ostler, chemist and druggist (Ostler & Co., Ltd., chemists), was further exempted for three months.

Stamford.—The application for exemption of Mr. H. Stanyon, apprentice with Mr. James S. Prior, Ph.C., was refused.

Stourbridge.—Mr. S. Tooby, assistant with Cooke, Ltd., chemists, High Street, was finally exempted to February 28.

Weybridge.—Two months' exemption was granted to Mr. A. J. Ramage, chemist and druggist, manager for Timothy White Co., Ltd.

Acetic Acid, which is used in large quantities in rubber-producing countries, is being successfully manufactured in Ceylon by the distillation of coconut-shells and vera or virai wood.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Contracts.

The following Government contracts were notified during December:

War Office.—*Disinfectants.*—Burt, Boulton & Haywood, Ltd.; Jeyes' Sanitary Compounds Co., Ltd.; Killgerm Co., Ltd.; McDougall Bros., Ltd.; Newton, Chambers & Co., Ltd.; Phœnix Sanitary Co.; Quibell Bros., Ltd.; The "Sanitas" Co., Ltd.; R. Young & Co., Ltd. *Photographic Stores.*—Parkinson & W. & B. Cowan, Ltd.; Thornton-Pickard Manufacturing Co., Ltd. *Sterilisers.*—Allen & Hanburys, Ltd.; J. & R. Oldfield, Ltd. *Soap.*—W. Hoyle & Sons; J. R. Peace & Co.; Price's Patent Candle Co., Ltd. *Surgical Materials.*—Arnold & Sons; A. Barton & Son, Ltd.; John Bell & Croyden, Ltd.; Arthur Berton, Ltd.; Burgoyne, Burbidges & Co., Ltd.; J. Bury & Co., Ltd.; J. Christie & Son, Ltd.; F. H. Critchley; General Surgical Co., Ltd.; F. H. Hallam & Son, Ltd.; B. Lees & Co., Ltd.; J. Lingard, Ltd.; Liverpool Lint Co.; S. Maw, Son & Sons, Ltd.; May & Baker, Ltd.; May, Roberts & Co., Ltd.; Mayer & Meltzer; Medical Supply Association; Parke, Davis & Co.; Robinson & Sons, Ltd.; Schall & Son; T. J. Smith & Nephew, Ltd.; Southall Bros. & Barclay, Ltd.; Springfield Mill Co.; J. Taylor & Co.; C. F. Thackray; R. B. Turner & Co.; Vernon & Co., Ltd. *Tetanus Antitoxin.*—Burroughs Wellcome & Co.

H.M. Office of Works.—*Soap.*—John Knight, Ltd. *Turpentine.*—Price's Patent Candle Co., Ltd.

Post Office.—*Paraffin Wax.*—Young's Paraffin Light and Mineral Oil Co., Ltd.

The following tenders have been accepted by the bodies named:

Braintree Guardians.—Mr. H. Jenkins, chemist and druggist, drugs.

Lewisham Borough Council.—S. Maw, Son & Sons, Ltd., bed-cupboards.

Metropolitan Asylums Board.—Bovril, Ltd., meat extracts; McDougall Bros., Ltd., soap.

St. Pancras Borough Council.—Adcocks, disinfectant fluids, etc.; J. Smart & Son, creosote; Edward Cook & Co., Ltd., and John Knight, Ltd., soap.

The Contracts Committee of Westminster City Council has accepted supplies of soaps from the present contractors, D. & W. Gibbs, Ltd., subject to the condition that they will be invoiced at prices current on the day the goods are despatched. Seven firms previously invited to tender for soaps were unable to quote.

Birmingham.

Lard is not obtainable here in quantity, although a large trade in pigs goes on. Adeps benzoatus retails now at 3*d.* an ounce.

There is a great demand for analytical and bacteriological workers just now, and good appointments (some of them in controlled works) are being secured by young men engaged in pharmacy or in the wholesale drug-trade.

The springlike weather makes the pharmacist uncertain how to dress his window. Thermos flasks, indiarubber bottles, and so forth still prevail, however, and blood-mixtures have not made their definite appearance.

A meeting will be held at Bristol Street School on February 3, at 10.30 A.M., with a view to forming a St. John Ambulance Corps. Pharmacists and others engaged in the drug-trade are invited, and it is hoped that there will be a large attendance.

The duties of "our representative" of to-day include the obligation of securing in contra account surplus stocks of highly listed—or de-listed—rarities. In some cases as little as an ounce is gladly repurchased from the retailer. A local pharmacist is wondering what he ought to do with nearly a Winchester of ol. menth. pip. ang.

Liverpool.

An Edinburgh pharmacist has written to Mr. John H. Robinson on the subject of his "Eccentrics" lecture, remarking that in the British Pharmacopœia "eccentric" is spelt "excentric."

Professor J. A. Nicholls (Boston, U.S.A.), lecturing in the district in support of National Prohibition, stated that the charge of drastic prohibition in America being followed by sales of alcohol at drug-stores originated in the defection of a few chemists. Improved administration had rectified the matter.

Manchester.

For national reasons, the Committee of the Manchester, Salford, and District Chemists' Assistants' Association has decided not to hold the usual prize competition this year.

As the result of a suggestion by the Secretary of the Salford Pharmaceutical Committee (Mr. E. H. Simmons), a reminder has been sent by the local Health Committee to each pharmacist in the district of the scheduling of the borough area under the Venereal Disease Act. The letter, which is accompanied by a card indicating times and places of treatment, invites co-operation from chemists—an attitude that should obviate friction.

Sheffield.

Dr. W. E. S. Turner, who promised to read a paper before the Sheffield Pharmaceutical and Chemical Society, is unwell and will not be able to fulfil this engagement for the present.

Among several attractive displays to be seen in pharmacy windows here, one of Newsholme's may be selected for mention. With the "brainy" use of capsicum tissue, a red screen, and an old stove, this window imparts a remarkable sensation of warmth.

Miscellaneous.

Peppermint Oil.—The Uckfield (Sussex) Rural Council have sold their small crop of peppermint oil to a firm of Devonshire chemists and druggists at 65*s.* per lb.

Dental Chemists.—It is contemplated that it may be necessary to close the membership of the Chemists' Dental Society, but the matter has not yet been decided upon.

Sale of Food and Drugs Acts.—Three samples of sodium bicarbonate and one of potassium acid tartrate taken informally in Lambeth during the past quarter were found to contain lead in excess.

Sussex County Hospital.—An appeal to the chemists of the district on behalf of this hospital has resulted in the fine total of 34*l.* 10*s.* 6*d.* The collection was undertaken by Mr. Franklin, at the instance of the Rotary Club.

Poisoning.—A verdict of "Death by misadventure" was returned at an inquest, on January 22, on Herbert Jenkinson, taxi-cab proprietor, Fitzwilliam Street East, Huddersfield, who died from an overdose of laudanum taken for insomnia.

Classes in Dispensing, pharmacy, and materia medica are to be started at the Blackpool Technical School. This is the result of a request made by the local Pharmacists' Association. Mr. G. A. Clarke, pharmacist, has been appointed lecturer and demonstrator.

Poor-law Dispensers who have retired on a superannuation allowance will be interested in a proposal which is put forward by the National Association that all Poor-law officials who have retired with a pension should have this augmented by an extra allowance, to meet in some degree the increased cost of living.

Window-smashes.—Damage was done recently at the pharmacy of Chave & Jackson, Ltd., Broad Street, Hereford, by a horse and cart backing into the window.—The shop-front of Mr. W. T. Dawson, chemist and druggist, Prince of Wales' Road, Norwich, was badly damaged on January 29 by the impact of a coke-laden motor-lorry.

Infectious Diseases.—The Local Government Board has notified public authorities that on March 1 the regulations come in force that have been made under the Infectious Diseases (Notification) Act, 1889, and the Public Health (London) Act, 1891. On and after that date medical practitioners are required to notify cases of tuberculosis, ophthalmia neonatorum, measles and German measles.

Instructing the Public.—The Home Office has issued to the daily newspapers a statement in regard to the dangers of veronal. It is pointed out that "many persons are specially susceptible to its action, and fatal poisoning may occur even from small doses of the drug, especially if repeated. The danger is still greater when doses are progressively increased. It is most important, therefore, that veronal and its derivatives and allied substances should only be taken with the knowledge and consent of a medical practitioner, and on his written prescription, and it is advisable that the dispensing of such prescriptions should not be repeated without the written sanction of the medical man."

An Asylum Patient's Death.—At the Fulbourn Mental Hospital, Cambridge, an inquest was held last week on the body of John Bentley, a labourer, who was found to have died from syncope, no blame being attached to anybody. In the course of the evidence the question arose as to the dose of tinctures of digitalis and strophanthus which had been prescribed and administered to deceased. Dr. A. D. Thompson, medical superintendent at the asylum, said a

prescription by Dr. MacMaster in the prescription-book ordered 1 dr. of each for a dose. He stated that the maximum dose of each of these tinctures is 15 drops. [Tincture of strophanthus was quadrupled in strength in the B.P. 1914, where the dose is given as 2 to 5 minims.—ED.] Dr. J. A. Wright, another witness, gave the dose as 15 drops of either tincture. Dr. A. V. MacMaster, giving evidence, said he put in a drachm of each of the tinctures in a 12-oz. bottle, and a tablespoonful would contain 2½ minims of each drug. He had made a mistake in the entry in the prescription-book. Dr. Wright, recalled, said that if only the quantities mentioned by Dr. MacMaster were put in, the doses were not excessive.

POLICE COURT CASES.—At Bury (Lancs) Police Court, recently, Mr. Charley Dean, chemist and druggist, Manchester Road, was fined 20*s.* for selling an air-gun without licence from the competent military authority. Mr. Dean explained that he was not aware of the regulation.—At Sutton (Surrey) Police Court, on January 16, Ernest W. Buckfield, errand-boy, was bound over, under the First Offenders Act, on a charge of stealing goods value 5*l.* 5*s.*, the property of his employer, Mr. William B. King, chemist and druggist, 22A High Street.—At the same court, another lad named George Lunn was similarly bound over for the theft of goods value 10*s.*, the property of Mr. Frederick R. Snowden, chemist and druggist, 53 High Street, his employer.—At the Burnley Juvenile Court, on January 25, two boys were placed on probation for twelve months on a charge of breaking and entering the shop of Mr. Robert Smalley, Ph.C., Yorkshire Street, and stealing over 300 articles, value 14*l.* 14*s.* The elder boy, aged fourteen, was ordered to pay 2*l.*, and the younger boy 1*l.* 10*s.*, towards the loss; and a condition was made that both should attend evening continuation classes and Sunday school and abstain from frequenting billiard-saloons.—At Guildhall Police Court, London, E.C., on January 29, Thomas R. S. O'Hagan, Shrewsbury Road, W., charged on remand with forging and uttering a prescription for the supply of morphine sulphate (*C. & D.*, January 19, p. 36), was committed for trial.

Irish News.

Brevities.

The business of John Mortimer & Co., wholesale druggists, William Street, Londonderry, has been purchased by R. M. Watson & Co.

Mr. P. J. Fielding, Ph.C., 66 Patrick Street, Cork, has been declared contractor for medicines and surgical appliances to the Cork Charitable North Infirmary.

The new Chairmen of Urban Councils in Ireland include Mr. R. F. McCartney, Ph.C., who was elected to the chair at Coleraine. At Ballymena Mr. Huston Lancashire, Ph.C., was reappointed for a second year.

At the annual meeting on January 21 of the Munster Herb-growing Association, Cork, the Chairman, Sir Bertram Windle, said, *inter alia*, that it would be a great pity if after the war the importation of drugs from Austria-Hungary was resumed. It was also a mistake from a chemist's point of view, because the drugs grown in Ireland are better than those obtained from abroad. Hence the large drug-houses are anxious to purchase from Ireland if the required material is forthcoming.

Local Government Board Report.

The annual report of the Local Government Board for the year ending March 31, 1917, has been issued this week. It is only a shadow of its former self as regards bulk, but appears to summarise in sufficient detail the work of the Board for the period under review. The amount spent on medicines and appliances by way of dispensary medical relief was 24,083*l.*, against 19,114*l.* in the previous year. The salaries and payments for temporary services of compounders of medicines amounted to 4,033*l.*, against 3,986*l.* The total payment to medical officers was 127,807*l.* In regard to the drug contracts, it is stated that the prices for the year 1916-17 were much in excess of those payable in the previous year, and, in consequence, there has been a large increase in the Guardians' expenditure upon the drugs and surgical instruments and appliances procured for use in the workhouse hospitals and dispensaries. The quality of the supplies has been good, and this result has been achieved in face of the very adverse conditions which during the period affected the trade. The medical officers generally, it is added, made strenuous efforts to prevent any wastage of their medical stores.

Scottish News.

Brevities.

During the past year 2,376 patients have been treated gratis at the Edinburgh Royal Public Dispensary.

The Perth and District Aërated Water Association has again raised its prices, except for syphons, which are still 5*s.* per dozen. Splits are now 1*s.* 6*d.*, 10-oz. 2*s.*, 20-oz. 3*s.*, and dry ginger-ale 2*s.* per dozen.

Mr. R. McIntosh Lindsay, chemist and druggist, Albert Street, Dundee, who recently gave four pictures to the Dundee Permanent Galleries (*C. & D.*, October 20, p. 36), is preparing an annotated catalogue of the collection. The issue will be limited to 500 copies, and will contain illustrations in colour.

Glasgow.

Mr. J. Garroway (R. & J. Garroway, chemical-manufacturers) presided at the annual meeting of the Glasgow Central Dispensary on January 24.

Claims against the estate of the late Mr. Joseph Duncan, Ph.C., Glasgow, must be sent to Mr. W. G. Leechman, 183 West George Street, Glasgow.

Corner for Students.

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist and Druggist,' 42 Cannon Street, London, E.C. 4."

QUALITATIVE ANALYSIS.

A MIXTURE of not more than three salts will form the subject of the next exercise in qualitative analysis. The mixture will comprise acids and inorganic bases occurring in the British Pharmacopœia, and is to be submitted to a thorough systematic examination, all its constituents are to be detected, and proof is to be given that the substances detected are the only constituents of the mixture.

Students' applications for portions of the mixture of salts (accompanied by a *stamped and addressed envelope*, not a stamp merely) will be received up to Tuesday, February 5, on which day the samples will be posted. Students' reports will be received up to Saturday, February 16. Each report should contain a concise account of the work done, and should include a list of the constituents detected. In this list any substance regarded as an accidental impurity should be distinguished from the essential constituents of the salts composing the mixture.

The analysis announced above forms the fourth exercise in the analytical tournament for the current winter session. The usual monthly first and second prizes in this series of analyses will be awarded only to apprentices or assistants who are preparing for the Qualifying examination of the Pharmaceutical Society of Great Britain or of Ireland, which fact *must be attested on their reports.*

Tales of Oenophus.

VII.—Ye Vendynge of Poysons.

TRULEY in These Latter Dayes ye Prydefulle Disciple of Galenus hath a Highe Olde Tyme.

He is a Pallide Profyteere with Shekels Showered upon Hym. And for What?

For Naught butte ye Symple Myxynge of Lethale Lubricantes for ye Sicknesses of ye Proletariat. Doth not he have Bestown Upon Hym—by ye Grace of Bluhmsbré—Three Tenths of One Whole Pennie for every Scripté he divineth?

And Scriptés are many. So he Walloweth in Wealthe.

Butte hys Prydefullness becometh Unendurable when ye Greate Ones of Whyte Halle make hym Custodiane of Morales.

"'Tis not in Flowinge Ale," quo' They, "that Deadlye Danger Lurkes; 'tis in Rawe O-py-um and Kokaecne. Behold We wille make Regulatione."

Wherefore They diligentlye proceede and in Due Tyme Proclamatione is Made. By whyche It is Enjoyned that Nineteyne Differente Requirementes must be Fulfilled in ye Sellynge of One Syxteenthe of a Grayne.

"Verily, verily," say ye Disciples, "Hyghe is Our Status and Blesséd be Bluhmsbré."

Legal Reports.

Cocaine Prescription.—At Woolwich Police Court on January 28, Dr. Alexander Storey St. John, High Street, Eltham, was fined 20*s.* for giving a prescription for a cocaine preparation unsigned, not dated, and not containing the words "Not to be repeated," contrary to Regulation 40B of the Defence of the Realm Act. Defendant said he knew nothing about the regulation. The prescription was for a nose-spray used in the treatment of asthma.

An Oil Transaction. In the City of London Court on January 24, before his Honour Judge Atherley-Jones, K.C., Sir William A. Rose & Co., Ltd., oil-refiners, 1 Fenchurch Avenue, E.C., sued W. Gall & Sons, Great Shelford, for 19*s.*, balance of 2*l.* 19*s.* 6*d.*, for oil, resin, soda, etc., supplied in the way of trade. Part of the claim (14*s.*) was for packages. The remaining 5*s.* was the unpaid balance, and plaintiffs offered to accept that amount if the cost of the summons was paid. Judge Atherley-Jones gave judgment for 5*s.*, and allowed the court fees.

Sale of Thymol.—In the High Court, Calcutta, on December 7, the case of Smith, Stanistreet & Co. *v.* Mr. Henry W. Dixon was continued (see *C. & D.*, November 3, 1917, p. 36). The plaintiffs asked for an injunction to restrain defendant from supplying thymol to other purchasers contrary to an agreement with plaintiffs. Mr. Avetoom, on behalf of plaintiffs, stated that an agreement had been arrived at between the parties. He asked that the case should be struck off the list, and that there should be an order directing each party to pay their own costs. Defendants consenting, Mr. Justice Greaves made the order asked for.

Libelling Dye Companies. In the King's Bench Division, London, on January 24, the Clayton Aniline Co., Ltd., and the Society of Chemical Industry of Basle, sued Professor H. E. Armstrong for libel. The libel was contained in an article written by defendant and published in the "Evening Standard" and the "Manchester Evening Chronicle," in which it was implied that Germans had an interest in the plaintiff companies. Plaintiffs stated that there was no foundation whatever for the suggestions made in the article. Defendant had since published an apology in the newspapers, being convinced that he had been entirely misinformed. The apology was repeated in court, and Mr. Justice McCardie allowed the record to be withdrawn.

Stained-glass Window-design.—In the King's Bench Division, London, on January 24 and 25, Sir Joseph Duveen claimed from Mr. James Elliman, embroeation-manufacturer, Slough, 84*l.*, balance of an amount which he alleged it was agreed to pay for services rendered in the construction of a stained-glass window in Slough parish church. Sir Joseph Duveen was consulted by defendant regarding the design of a stained-glass window which Miss Elliman, his sister, wished to present to the parish church. Defendant alleged that plaintiff had not looked after his interests as he agreed to, and that he was unfairly charged for the work. He counter-claimed for the return of 73*l.* already paid, and also asked for damages for breach of agreement. The jury returned a verdict for the defendant on the claim, and for the plaintiff on the counter-claim.

Surcharging a Doctor.—In the Court of Session, Edinburgh, on January 26, Lord Ormedale allowed a proof in an action brought by Dr. Alexander Mitchell, Aberdeen, against the Aberdeen Insurance Committee. Pursuer had a panel of approximately 4,000 patients, and the Insurance Committee had deducted 224*l.* from the amount payable to him for 1915 on account of the excessive demand which his prescribing made on the Drug Fund. Defenders averred that the proceedings, being taken under Section 40 of the National Health Insurance (Medical Benefit) Regulations (Scotland), 1913, the method of review there provided must be exhausted before proceedings in the court could be resorted to. Pursuer contended that the Panel Committee had failed to make such investigation as is required by Section 40 (1), neither he nor the Pharmaceutical Committee had been heard, and he was in ignorance of the tenor of the report until he received the letter of September 6, 1916, from the Insurance Committee. His Lordship held that these arguments could not be held irrelevant to support the plea that the proceedings complained of were *ultra vires*, and in violation of the statutory regulations, and that accordingly there must be an inquiry.

Boiler-corrosion may be prevented by the use of sodium bichromate if the proportion of chlorides in the water is not too high—in which case hydrochloric acid would be formed.

Company News.

Brunner, Mond & Co., Ltd.—In a circular to shareholders the directors give details of the proposals for the reorganisation of the company's capital. As a result of the revaluation of the company's investments, the large surplus of 2,797,243*l.* is shown between the book value and the actual value. This amount, together with 1,849,562*l.* (being part of the amount at the credit of the reserve fund), making together 4,646,805*l.*, the directors propose to capitalise, increasing the capital of the company to 10,000,000*l.* It is intended to apply the sum proposed to be capitalised in payment of 4,646,805 1*l.* ordinary shares, which will be allotted to ordinary shareholders in the proportion of three new shares for every two ordinary shares.

G. B. Kent & Sons, Ltd.—The report for the year ended September 30, 1917, states that, after allowing for bad and doubtful debts, depreciation, etc., there is a balance of profit of 17,437*l.* After adding the balance brought forward and deducting interest on mortgages and loans, income-tax, and directors' fees, also interim dividend on the preference shares, there is left a balance of 14,348*l.* The board, after placing 1,000*l.* to reserve and paying the life directors' fees (2,100*l.*), recommend a dividend of 8 per cent. on the ordinary shares, leaving 5,586*l.* to be carried forward.

Parke's Drug Stores, Ltd.—The annual meeting was held on January 30 at Winchester House, Old Broad Street, E.C., Mr. P. Warnford-Davis (chairman of the company) presiding. In moving the adoption of the report, the Chairman commented on the various items on the balance-sheet. The profit and loss account showed an increase of 1,100*l.* over last year, and the company were paying an increased dividend, which for the year amounted to 7½ per cent. Mr. J. F. Forster seconded the resolution, which was carried unanimously.

Camwal, Ltd.—The annual report of the directors for the year ended September 30, 1917, states that the net profit is 1,289*l.* 13*s.* 3*d.*, which, with the amount of 2,017*l.* 14*s.* 2*d.* brought forward, makes a total of 3,307*l.* 7*s.* 5*d.*, out of which is recommended the payment of a dividend of 2½ per cent. on the cumulative preference shares, leaving 10 per cent. due on these shares to September, 30, 1917,. This leaves 2,070*l.* 16*s.* 11*d.* to be carried forward. There having been heavy advances in the prices of materials, bottles, etc., and also in wages, without an adequate increase in the price charged for the waters, the directors consider the company is fortunate in being in a position to recommend the payment of 2½ per cent. on the preference shares. During the past year the company have been unable to secure the necessary amount of sugar required, and this has affected output to a considerable extent. "Aquaperia" continues to make good headway, and the company ask chemist-shareholders to help in increasing the sale by keeping the water prominently before their customers. Mr. F. G. Pirie (general manager) has been elected to a seat on the board.

The National Drug Co., Ltd., 65 Judd Street, King's Cross, London, W.C.—Under a compulsory winding-up order made against this company accounts have been lodged showing liabilities, 1,303*l.* 15*s.* 1*d.* (unsecured, 1,242*l.* 5*s.* 10*d.*); assets, 23*l.* 9*s.* 3*d.*; and a deficiency of 1,709*l.* 3*s.* 10*d.* as regards contributories. Mr. W. J. Warley, Official Receiver, reports that the company was formed in June 1915, with a nominal capital of 500*l.*, divided into 10,000 shares of 1*s.* each, for the purpose of carrying on business as chemists, druggists, etc. Its primary object was the acquisition of a chemist's business carried on by Mr. Arnold Davies under the style of the National Drug Co. Prior to June 1915 Mr. Davies had been carrying on business at 377 New North Road and 7 Hartford Street, Stepney, for about eighteen months. The purchase price of 1,500*l.* was made up as follows: Cost of fitting up the two shops, 200*l.*; amount estimated to be due from the London Insurance Committee, 150*l.*; stock, 250*l.*; and goodwill, 900*l.* The company did not take over any liabilities in connection with the business it acquired. It also opened branch shops at 50 New North Road and 65 Judd Street, King's Cross. In addition, it agreed to purchase for 50*l.*, and paid 36*l.* on account thereof, a business at 13 Prince of Wales' Road, Kentish Town. The company seems to have suffered from want of capital throughout its existence, and from time to time borrowed on the security of sums due from the London Insurance Committee. On October 10, 1916, a debenture for 300*l.* was issued to Francis Newbery & Sons, Ltd., to secure payment for goods supplied, and in the following December Mr. G. E. Corfield, I.A., was appointed as receiver on their behalf; but no assets have been realised by him under the appointment.

Gazette.

Partnerships Dissolved.

Blagden, V., and Waugh, W., Coronation House, 4 Lloyd's Avenue, E.C. 3, chemical-merchants, under the style of Blagden, Waugh & Co.

Blake, E. W., and Davy, W. J., 14 Rathbone Place, W. 1, engineers and manufacturing chemists, under the style of Blake & Davy.

Court, W. H., and Davies, E. I., 14 Mary Street, Birmingham, manufacturers of special fluxes and chemical compositions, under the style of The Peerless Chemical Co.

Crispe, J. H., and Gower, W. E., 82 Clerkenwell Road, E.C., wholesale chemists and druggists and vendors of chemists' sundries, under the style of Butler & Crispe.

Galbraith, R. D., and Grant, J. A., 11 Billiter Square, London, E.C., East Indian, China, and Russian merchants, under the style of R. D. Galbraith & Co.

Parker, G., Rayner, A. B., Ellis, G. L., and Thompson, W. D. H., Liverpool, chemical and general brokers, under the style of Haddock, Parker & Co.

Scott-Smith, G. E., Evans, J., and Stevenson, J. T., 67 and 69 Surrey Street, Sheffield, analytical and consulting chemists, under the style of A. H. Allen & Partners, so far as concerns G. E. Scott-Smith.

Squire, W., and Saville, W., Britannia Street, Barnsley, chemical plumbers, under the style of Squire & Saville.

Bankruptcy Acts.

Receiving Order.

Ring, H., Oakleigh, Western Road, Flixton, Chester, and 5 Cheapside, Manchester, chemical merchant, under the style of Harold Ring & Co.

Receiving Order and Adjudication.

Freeman, N. H., Chartridge Grange, Chesham, Bucks, experimenting manufacturing chemist.

Business-names Registrations.

Bates & Co., makers of proprietary articles, 1 Regent Square and 55 Sidmouth Street, London, W.C. Partners: Charles B. Todd, Emily Todd, and O. Roversi (Italian).

Madame Bond, toilet-articles dealer, 32 Oxford Road, Acocks Green, Birmingham. Proprietor: H. A. Tibbetts. Other business name: Loxine & Co.

Cox & Co., cordial manufacturers, 12 Brandon Road, London, N. 7. Partners: Chas. F. Sutton, "Brentview," Holden Road, Woodside Park, N., Alfred G. C. Sutton, "Newcroft," Holden Road, Woodside Park, N. The same partners carry on business as G. F. Sutton, Sons & Co., Viking Food and Essence Co., G. & S. Bracknell and Landor Strutes & Co.

Crowe & Co., pharmacists, 31 Wardour Street, London, W. Other business name: Frizell & Co. Partners as Martin & Co.

J. Howard & Co., patent medicine vendors, 18-19 Queenhithe, London, E.C. Proprietor: John H. Lumb.

Martin & Co., dispensing chemists, 60 Old Compton Street, London, W. Other business name, Frizell & Co. Partners: John Parker Ellerington and Govan Henry Scott.

Neurasthenol Co., patent medicine dealer, 11b London Street, Southport. Proprietor: Fredk. Wilkinson.

Oscar Sutton & Co., tooth-powder manufacturers, Preston. Partners: Grace Kyan and Edith F. Kyan.

Pumilave Manufacturing Co., soap manufacturers, Victoria Works, Colliers Wood, Merton. Proprietor: John de Laspée.

Schacht, Warner & Co., pharmacists, 55 Fore Street, London, E.C. Partners: John Parker Ellerington (British), Ivanhoe Hotel, Bloomsbury, W.C. 1, and Govan H. Scott (British), 4 The Bank, Highgate, N. The same partners carry on business as Scott, Warner & Co., Schacht Pharmacal Co., Laroche & Co., W. Hairsine, Mercolloid Co., Gonovert Co., Leciglobin Co.

Sedways Trovatolo Co., patent medicine vendors, 110 Cannon Street, London, E.C. 4. Partners: H. J. Sedway, G. H. Dollery, and C. A. Palmer.

Skaal Remedy Co., 9 Chapel Walks, Liverpool. Proprietor: N. I. Nosted (Norwegian). Other business name: Nosted & Co.

White & Co., retail and dispensing chemists, 119 King Street, Egremont, Charles Wherly, and E. S. Taylor.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative

The Size of Posters.

The Parliamentary Secretary of the Board of Trade informed Sir William Bull on January 29 that the limitation of the size of posters was settled after full and careful consideration of the question by the Paper Commission, and, as at present advised, he is not prepared to remove the restriction, which is believed to result in a saving of paper.

One-man Businesses.

Our Parliamentary correspondent states that Dr. Addison, M.P., has informed a deputation of members of Parliament that the question of the re-establishment of one-man businesses after the war is engaging the attention of the Ministry of Munitions. The suggestion is that this should be done by way of loan or grant.

Non-ferrous Metal Industry Bill.

This Bill was on January 23 read a third time and passed in the House of Commons. The Bill passed its second reading in the House of Lords on January 30. Earl Beauchamp moved the rejection on the ground that the Bill was protectionist in character, and asked why, if the Bill was considered necessary, chemicals and dyestuffs should not have been included. Lord Crewe said the fact that Germany had before the war held the control of optical glass had been responsible for the death of many of our officers and men. If it could be shown that the metals in this Bill were in the same position as optical glass, and that they ought to be taken out of the Free Trade list and placed on a special list with other commodities after the war, he should not have a word to say against the measure. As regards these particular metals the case was nothing like so strong as that of optical glass.

Military Service Bill.

The third reading of this Bill took place in the House of Commons on January 24, when Sir A. Geddes, the Minister of National Service, explained that the purpose of the Bill is to obtain control over the men employed in luxury trades by the grant of certificates that the holder is engaged in some work which it is in the national interest that he should continue to be engaged in. It is proposed in the great essential industries to effect clean-cuts of the men by age and by occupation, and to have the power of limiting by age and by occupation the holding of certificates, regardless of the authority which has granted them. Examples of luxury trades were given in the fur and jewellery trade. Certificates granted on the ground of serious hardship—business or domestic—are not affected, nor are those issued to conscientious objectors.

Water Ice.

Mr. Watt asked the Parliamentary Secretary to the Ministry of Food whether he is aware that by the terms of the Ice-cream (Restriction) Order, 1917, the manufacture of what is known as water-ice, which consists of water, to which arrowroot is added to whiten it, liquid saccharin to sweeten it, and fruit essence to flavour it, no sugar or milk being used, is wholly restricted; that water-ice mixed with temperance drinks is sold at a price of 1*d.* to numbers of the working-classes of this country; and whether, under these circumstances and with the view of encouraging the public to drink temperance drinks, he can see his way to amend this Order by excluding from its operation the manufacture of water-ice?

Mr. Parker replied that iced drinks are in the nature of a luxury, and he should have thought that the temperance drinks referred to could be made sufficiently attractive without the addition of water-ice.

"The Object of this War is to deliver the free peoples of the world from the menace and the actual power of a vast military establishment, controlled by an irresponsible Government which, having secretly planned to dominate the world, proceeded to carry the plan out without regard either to the sacred obligations of treaty or the long-established practices and long-cherished principles of international action and honour; which chose its own time for the war; delivered its blow fiercely and suddenly; stopped at no barrier either of law or of mercy; swept a whole continent within the tide of blood—not the blood of soldiers only, but the blood of innocent women and children also, and of the helpless poor; and now stands balked but not defeated, the enemy of four-fifths of the world."—*Journal of the American Medical Association.*

Birth.

Lane-Hall.—At "Westcott," Feltham, on January 29, the wife of Second-Lieutenant R. Lane-Hall, of twin daughters.

Marriages.

Hayllar—Clark.—At the Hoddesdon Congregational Church, on January 26, by the Rev. J. C. Evans, Howard Frederick Hayllar, chemist and druggist, only son of Mr. James Hayllar, chemist and druggist, Hoddesdon, to Winifred S. Clark, elder daughter of the late W. J. G. Clark, Hoddesdon.

Murray—Blood.—At St. Anne's Cathedral, Leeds, on January 16, by the Very Rev. Canon Shine, Michael E. Murray, chemist and druggist, 3 Headingley Mount, Leeds, to Dorothy, daughter of Mr. F. H. Blood, Birmingham.

Staffiere—Henderson.—At the Royal Hotel, Edinburgh, on January 24, by the Rev. W. Webster, Bennett Staffiere, chemist and druggist, youngest son of Mr. A. Staffiere, Dunfermline, to Mary Kininmonth, second daughter of Mr. R. Henderson, Hopetoun Street, Bathgate.

Deaths.

Baxter.—On January 23, Ann, widow of the late Mr. William Baxter, chemist, Bradford, aged eighty-two.

Dobinson.—At Jessamine House, Bishop Auckland, on January 18, Mr. Thomas Dobinson, chemist and druggist, aged seventy-one.

Forrester.—At 43 Quality Street, Dysart, on January 24, Mr. Andrew Forrester, chemist and druggist (A. Forrester & Son), aged seventy-three. Mr. Forrester, who had been in business at Dysart for fifty-one years, was at one time a member of the Town Council, and of other public bodies. He is survived by three sons and a daughter.

Parker.—At "Silverdale," Hailsham, on January 25, Mr. Thomas Herbert Parker, chemist and druggist, aged sixty. Mr. Parker was in business in Hailsham for over thirty years, and during most of that time held the Treasureship of the local Flower Show Society and other public offices.

Sandall.—At Eulo, Queensland, on December 27, 1917, Mr. William Sandall, chemist and druggist, aged seventy-two. Mr. Sandall, who was born at Stamford, purchased a Northampton business after qualifying, and was subsequently dispenser at Charing Cross Hospital, London, W.C. Emigrating in 1887, he established a pharmacy at Eulo, where he was also known as an active Church worker.

Taylor.—At 57 Barnsley Road, South Elmsall, on January 27, after a brief illness, Mr. John Taylor, chemist and druggist, aged seventy.

Trehearn.—At Carshalton, recently, Mr. William Thomas Trehearn, aged sixty-five. Mr. Trehearn, who died after a brief illness, was well known in City circles as manager of the advertisement department of Spratt's Patent, Ltd., which position he held until a few years ago, when he retired on a pension granted by the directors in recognition of his long and faithful service.

Walker.—On January 14, suddenly, Mr. David Walker, J.P., chemist and druggist, High Street, Lockerbie. Mr. Walker was for some years a member of the Lockerbie Borough Council.

Warriner.—On January 17, Mr. Charles William Warriner, chemist and druggist, 41 Curzon Street, Netherfield, aged sixty-four.

Died on Service.

Hartnett.—Lieutenant Michael Hartnett, R.F.C., has died in Germany from the effects of wounds. Lieutenant Hartnett, who had been missing for some months, was the son of Mr. W. J. Hartnett, Ph.C., Kenmare.

Thomson.—Second-Lieutenant Ernest A. Thomson, Black Watch (Royal Highlanders), has been killed in action in France. Second-Lieutenant Thomson was the brother of Captain T. Mather Thomson, L.R.C.P.I., M.P.S.I., late manager for Mr. George Brown, Ph.C., Stephen's Green West, Dublin.

Personalities.

Mr. Walter G. Hibbert, Ph.C., Neath, has been appointed a Justice of the Peace for the borough.

Mr. Edward Norton Grimwade, of Felton, Grimwade & Co., Melbourne, has been appointed a director of the Royal Bank of Australia, Melbourne.

Councillor R. T. Christopher, chemist and druggist, Bradford-on-Avon, has been elected a member of the Executive Committee of the Bradford-on-Avon Red Cross Hospital.

Colonel W. F. Wyley (Wyleys, Ltd., Coventry) has been appointed Provincial Grand Master of Royal Arch Masonry in Warwickshire by H.R.H. the Duke of Connaught, First Grand Principal.

Mr. Alfred Dehey, manufacturers' agent, Petrograd, is now in this country, and will be glad to give information on Russian business to commercial houses. His London address is 15 Dennan Road, Surbiton.

Mr. A. R. L. Dohme, Vice-President of the American Pharmaceutical Conference, is Acting-President owing to the death during his term of office of Mr. Charles Holzhauer, the President (*C. & D.*, January 5, p. 38).

Joseph Crosfield & Sons, Ltd., Warrington, have presented a cheque, in token of appreciation, to Mr. Edward Scott, an employé, whose arm was crushed recently in an effort to prevent damage to a seed-crushing machine. Mr. Scott has also been awarded the Medal of the Order of the British Empire.

Wills.

Mr. Clayton Beadle, F.C.S., Oak Bank, Lansdown Road, Sidcup, who died on August 16, left estate of the gross value of 13,527*l.* 13*s.* 11*d.*, of which 13,324*l.* 17*s.* 8*d.* is net personalty.

Mr. George Francis Forster, chemist and druggist, 52 Castle Street, Dover, who died October 25, left estate valued at 3,038*l.* 10*s.* 6*d.* gross, with net personalty 314*l.* 4*s.* 7*d.*

Mr. Wm. Soulby Nurse, 112 Unthank Road, Norwich, chemist and druggist, who died October 16, left estate of the gross value of 6,294*l.* 15*s.* 8*d.*, of which 5,631*l.* 6*s.* 5*d.* is net personalty.

Mr. Herbert Edward Young, chemist and druggist, 147 Banbury Road, Oxford, who died March 23, left estate of the gross value of 10,002*l.* 4*s.* 4*d.*, of which 3,797*l.* 11*s.* 3*d.* is net personalty.

Mr. James Luvian-Wade, 28 West Kensington Gardens, Kensington, London, W., manufacturing chemist, who died on November 29, left property of the value of 29,867*l.* 17*s.* 4*d.*, the net personalty being 23,457*l.* 6*s.* 10*d.*

Sir David Caldwell McVail, M.B., L.R.C.P., Glasgow, who died November 4, left personal estate in the United Kingdom valued at 4,762*l.* 13*s.* 4*d.* Probate of his will has been granted to Mr. John Christie McVail, Edinburgh, Deputy-Chairman of the National Health Insurance Commissioners of Scotland, and Mr. John MacIntyre, Glasgow.

Mr. George Thomas Holloway, consulting metallurgist, 13 Emmett Street, Limehouse, London, E., who died October 24, left estate of the gross value of 6,091*l.* 6*s.* 5*d.*, of which 5,116*l.* 1*s.* 2*d.* is net personalty. The testator left 25*l.* to Basil Venables if in the service of his firm at his death, two weeks' wages to each of the other employés of his firm of not less than twelve months' service, and to the Institute of Chemistry certain books formerly the property of John Davy, Sir Humphry Davy, and Lady Davy.

Business Changes.

F. J. Carmichael & Co. have removed to new premises at 17 Water Lane, London, E.C. 3.

Mr. D. W. Naylor, chemist and druggist, lately manager for Mr. Bell, Castleford, has purchased the branch business at Killamarsh of Mr. H. G. Fletcher, chemist and druggist.

Mr. James Lord, chemist and druggist (trading as Hulme's), Upper Parliament Street, Nottingham, has purchased the business of the late Mr. George Wright, Chesterfield. The negotiations were carried out by Mr. William Brinson (Evans Sons Lescher & Webb, Ltd.).

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1917, p. 220.

(From "The Trade-marks Journal," January 2, 1918.)

"Albatross" under picture of same; for glycerin (4). By C. Thomas & Bros., Ltd., Bristol. 380,225.

"Britsac," etc. on pyramid-shaped device; for saccharin (42). By British Saccharin Co., Ltd., Silver Street, Hull. 379,962. (Associated.)

"Hepyeest," for yeast (42); "Heppos" and "Hepilk," for food-substances (42). By W. Hepworth & Co., 14 George Street, Harwich. 380,382/383/384. (Associated.)

"Crece"; for toilet and hair-preparations (48). By E. Loveday, 1247 Bolton Road, Eccleshill, Bradford. 380,471.

"Massarole" on architectural device; for all goods (48). By H. E. Matthews, 30 The Mall, Clifton, Bristol. 380,631. (Associated.)

(From "The Trade-marks' Journal," January 9, 1918.)

"Thermoplas"; for chemicals (2). By B. C. Tipper & Son, 43 and 45 Homer Street, Balsall Heath, Birmingham. 380-249. (Associated.)

"Neuralesin Brand Nerve Remedy," "Dermozyl Brand Skin Remedy," "Vitonin Brand Vertigo Remedy"; for medicinal chemicals (3). By S. F. Body, 167 High Street, Southend-on-Sea. 379,326; 380,137; 380,793.

"Radior"; for medicinal chemicals (3). By E. Miller, 167 Oxford Street, W. 1. 380,049. (Associated.)

"Toxcide Brand Cure for Constipation, Intestinal Disorders, and the Like"; for medicines (3). By E. S. Prather, 177a High Street, Kensington, W. 8. 380,797.

"Bull" under picture of same; for glycerin (4). By C. Thomas & Bros., Ltd., Bristol. 380,227. (Associated.)

"Sterval," "Camblac," "Hydrine"; for surgical instruments, etc. (11). By Campbell, Achnach & Co., Ltd., 59 Wallace Street, Glasgow. 380,812/813/815.

"Zeg"; for food-substances (42). By Sutcliffe & Bingham, Ltd., Ogden Street, Cornbrook, Manchester. 380,419.

"Stao"; for food-substances (42). By J. Thompson & Sons, Ltd., Gamble Street, Belfast. 380,598.

"Vilactogen," "Vilacto," and "Vilacta"; for infants' and invalids' foods, etc. (42). By The Bacchus Marsh Concentrated Milk Co., Ltd., 43 Tooley Street, S.E. 1. 380,601/2/3. (Associated.)

"Pears' Golden Series," with device of "Bubbles," bottles, etc.; for goods (47) and for perfumery, etc. (48). By A. & F. Pears, Ltd., 71-75 New Oxford Street, W.C. 1. 380,118/9. (Associated.)

"Peridot" under device of pendant; for goods (47) and for perfumery, etc. (48). By F. S. Cleaver & Sons, Ltd., Twickenham. 380,212/3.

"Rajnauth," for goods (47) and for perfumery, etc. (48); "Maid of Honour," for perfumery, etc. (48). By J. H. Ironmonger, Ltd., 20 Eastcheap, E.C. 3. 380,714/715/448.

"Mignora"; for perfumery, etc. (48). By E. Cook & Co., Ltd., Bow, E. 3. 380,089. (Associated.)

"Osiris"; for perfumery, etc. (48). By Vinolia Co., Ltd., 37-38 Upper Thames Street, E.C. 4. 380,395. (Associated.)

"Euthade"; for perfumery, etc. (48). By Selfridge & Co., Ltd., 400 Oxford Street, W. 1. 380,460.

(From "The Trade-marks' Journal," January 16, 1918.)

"Normoform"; for chemicals (2). By The Formalin Hygienic Co., Ltd., 3 Lloyd's Avenue, E.C. 3. 380,852.

"Pilex Brand Pile Remedy"; for medicinal chemicals (3). By S. F. Body, 167 High Street, Southend-on-Sea. 379,325.

"Miragrol Brand Aperient Water"; for a medicine (3). By Saccone & Speed, Ltd., Stangate House, Westminster Bridge Road, S.E. 1. 380,021.

Picture of two bishops; for medicinal chemicals (3). By Bishop's Pure Drug Co., 460 Holloway Road, N. 7. 380,133.

"Hediodine"; for medicinal chemicals (5). By A. Henning, 120 Harrow Road, Leytonstone, E. 11. 380,266.

"Vegail Brand Medicated Beverage"; for medicated beverages (3). By J. Hey & Co., Ltd., Northbrook Brewery, Wilson Square, Bradford. 380,472. (Associated.)

"Nupynone Brand Pine Catarrh Remedy"; for a catarrh medicine (3). By W. B. Cartwright, Ltd., Mount Vernon Road, Larkfield, Rawdon, near Leeds. 380,534. (Associated.)

"Bipp Brand Paste for Suppurating Wounds"; for a medicinal wound paste (3). By Oppenheimer, Son & Co., Ltd., 179 Queen Victoria Street, E.C. 4. 380,589.

"Blackbird" under picture of same, for glycerine (4); "Indian Bull," for perfumery, etc. (48). By C. Thomas & Bros., Ltd., Bristol. 380,226; 379,867. (Associated.)

"Pierrot Toilet Soaps," with picture of pierrot; for soap (48). By E. Cook & Co., Ltd., Bow, E. 374,858. (Associated.)

"Chimney Brand Superfine Toilet Soap," with label device of two chimneys; for soap (48). By G. W. Goodwin & Son, Ordsall Lane Soap Works, Manchester. 379,573. (Associated.)

(From "The Trade-marks' Journal," January 23, 1918.)

"Hydronin"; for photographic developers (1). By White Band Manufacturing Co., Ltd., 121 Selsdon Road, South Croydon. 380,786.

"Ucco"; for chemicals (1 and 2), goods (4), and for perfumery, etc. (48). By Hardisty & Co., Ltd., 20 Cross Street, Manchester. 381,005/6/8/9.

"Guardian"; for chemicals (2). By J. Crosfield & Sons, Ltd., Bank Quay, Warrington. 380,835. (Associated.)

"Mum"; for medicines (3). By F. E. Coe, 144 Albany Street, London, W. 375,351.

Trade Notes.

Lysol, Ltd., Warton Road, Stratford, London, E. 15, announce price advances for their lysol. The altered prices are given in an advertisement in this issue.

Ferocal.—Squire & Sons, Ltd., 413 Oxford Street, London, W., give in their advertisement on the front cover the new prices for Ferocal, which will prevail from February 1.

The P.A.T.A. Protected List was extended during January by the addition of the Anglo-American Pharmaceutical Co.'s nasal cream; Erjoline face-cream; Gibbs's shaving-stick (in carton).

Strodonia Vanishing Cream is a speciality of Strode, Cash & Penfold, manufacturing chemists, Lower Union Street, Bristol. A special offer on first orders is made in the firm's advertisement.

Martindale's Moss Dressings.—A revised price-list for these compressed dressings takes effect from February 1. A copy of the list may be had from W. Martindale, 10 New Cavendish Street, London, W. 1.

Poudré Fifine.—The Rajeen Perfumery Co., 89 Farringdon Street, London, E.C. 4, direct attention to Poudré Fifine, a new face-powder which they manufacture. Particulars are given in an announcement in this issue.

Diadem Toilet-goods.—Robartes, Ltd., 128 Jermyn Street, London, S.W., have brought out two new toilet-articles—Diadem vanishing-cream and Diadem face-powder. The prices are protected under the scheme of the Proprietary Articles Trade Association so as to allow a minimum profit to the retailer of 33⅓ per cent.

Peralbine Dusting-powder.—This is an oxygen toilet and nursery powder manufactured by E. T. Pearson & Co., Ltd., manufacturing chemists, London Road, Mitcham. Peralbine toilet-powder is nicely packed in tins with perforated tops, the labelling being in green and gold. It sells retail at 9*d.* per tin, showing on the wholesale price a profit of over 40 per cent.

"Standard" Retail Price-list.—Mr. Charles Philip, chemist, 23 High Street, Herne Bay, sends us a copy of the issue for the first quarter of this year of the "Standard" Retail Price-list of drugs, packed goods, lozenges, tablets, bottles, etc. Mr. Philip apologises for issuing the list a little later than usual, but most people are now in a position to appreciate the difficulties which confront the publishing world. The list has been further improved, the drug-section being doubled in size and a page added giving the prices of dressings. The list, which is prepared on scientific principles, is published at 1s., post free.

Cream Ointments.—Ayrton, Saunders & Co., Ltd., Liverpool, send us samples of cream ointments made with a lanoline basis, which now that lard is scarce can be sold to replace ointments made with lard. The samples we have received—cremor zinci, cremor sulphuris, and cremor antisepticus—are beautifully smooth, and with a suitable explanation can be offered to customers with the confidence that the preparations will give satisfaction. —"Ayrton's Supplement," which has just been issued, is a Jubilee number giving an illustrated account of the foundation of the business of Ayrton, Saunders & Co., Ltd., and the present facilities which it has for trading with chemists. The announcement is made that in the interests of paper conservation the publication of the "Supplement" is to be suspended until the end of the war.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

249/62. "Mellesine."
248/10. "Life-saver" tablets (shaped like life-buoy): London agents.
246/3. Honey sugar (W. C. R. & Co., Mortlake).
237/72. Barton's Brighton hair-restorer.

INFORMATION SUPPLIED.

"Blue Jay," corn-plasters, 216/1
Bone-ash, 175/56
Box-making machinery, 229/61
"Cataronal," 202/63
Cavendish's hair-wash, 188/66
"Dusmo," 192/7
Elixir lactopeptine, 208/72
"Empire" safety-pins, 213/58
Filter cloth, 239/43
Fluorspar, 180/45
Hearne's bronchial cure, 230/2
"Hormotone" tablets, 215/43 and 213/58
Iodostarin, 163/26
Keating's lozenges, 187/22
Manicure-fittings, 184/22
Rubber corks, 231/6
Sodium benzoate, 154/53 and 186/37
"Uraminol," 239/61

Observations and Reflections.

By Xrayser II.

Are we Better than our Fathers?

asked Mr. Deakin at Manchester. I believe we are, if only because we have become less individualistic and more united in spirit and outlook. Fifty years ago chemists stood more aloof from each other than they do now, and jealousy between neighbours was more common, though it has not altogether disappeared even yet. I doubt, however, whether the Pharmacy Act, 1868, can be credited with the improvement that has taken place in this respect; it was an occasion rather of division than of union. Nor can I agree that pharmacists have nothing to be ashamed of. We may have improved, but we have more cause for self-reproach than for self-satisfaction: we ought to have improved much more than we have done. That so many of us have by the rivalry of the multiplists been forced into the position of mere shopkeepers was perhaps inevitable, but we need not have succumbed to the shopkeeping spirit, we need not have been "subdued to what we work in, like the dyer's hand," as we so generally have been. We were tradesmen in the olden time; pure pharmacy never was, and probably never will be, sufficient for us, and there were multiple shops before Boots, but fifty years ago we had as individuals a juster pride in our calling and a more independent spirit than are generally shown now. This may be a passing phase natural in such a period of transition as ours; our individual self-consciousness has weakened a little under the stress of circumstances, and we have not yet developed the corporate self-consciousness, a much better thing, that will succeed it. This is what we all ought to strive for, and the most hopeful sign of the times is the fact that it is growing daily.

The P.A.T.A.

has been put upon its trial by the correspondence in your columns on proprietaries and the profit they bear, and thus far the weight of the evidence is against it. True, we have not yet heard the case for the defence, and I have no wish to condemn the Association unheard, though I must confess that I have never been one of its enthusiastic admirers. Mr. Jackson's letter of last week gives expression to one of my objections to it. There is another aspect in which it is becoming necessary to regard it. Some days since one of our "Progressives" told me he was "hardening for" what amounts to a Trade Union of chemists to look after our trade interests. I asked him what he would do with our existing Associations, of which there are three or four, all more or less concerned with matters affecting the trade. There is not only the Society, with its scheme for the conversion of its unhappy bantling the L.A.E. (evidently for the purpose of forestalling the Trade Union idea), but there are also the P.A.T.A. and the C.D.A. Would these consent to be merged, or could they as now carried on be merged, in such a Union as he contemplates? The functions they discharge obviously belong to a Trade Union. As Mr. Bown said in his admirable address at Sheffield, only "a strong Union" could efficiently tackle the question of profits, and the legal defence of its members would come equally within its province. No Union that did not embrace all these objects along with others would be strong enough to act efficiently with regard to any of them; it would require an open field for its activities, and the field is already in great part occupied. I repeat the question I put to my friend: How are we to deal with these existing Associations?

The Report of the Lancashire Prescription Bureau

must, judging by the summary you gave of it a fortnight ago, be one of the most extraordinary documents ever issued by a body of responsible officials. To answer seriously such a travesty of facts as is here presented would be absurd. The Report carries its own refutation upon its face; it admits that the grant of 1*s.* 6*d.* per head for drugs and appliances was inadequate, yet declares that the Tariff of 1914 was "a veritable El Dorado" for chemists. It is true that under this Tariff the allowance was exceeded in districts in which extravagant prescribing was rife, but the fact that it was not exceeded where the prescribing was reasonable shows that the "swamping of the Drug Fund" under it was due entirely to the doctors themselves, many of whom almost avowedly laid themselves out to swamp it. "The dreams of De Quincey," says the Report in a fine burst of eloquence, "appear to have been surpassed in golden splendour" by the profit we made out of it. Well, most of De Quincey's dreams were of the pains, not the pleasures of opium, and our experience of the Tariff resembled them in this particular; but it is the writer of this Report whose dreams really surpass those of the opium-eater in "golden splendour," and they too, displaying as they do equal ignorance and absurdity, may be said to have been built "upon the bosom of darkness, out of the fantastic imagery of the brain."

"Evacuation"

and "to evacuate" are primarily medical terms which had originally but one meaning respectively, and these meanings were for a considerable time retained when the terms acquired other uses. Gradually their senses were developed in various directions, and one of these developments which has lately begun to threaten to swallow up all the rest is peculiarly unfortunate. I read in that capital book, "Marching on Tanga," written by a medical officer, "And now arose more urgently than ever the question of evacuating these wounded men." At first sight one would suppose that the writer meant the emptying of the stomachs or bowels of his men, but reading on it becomes apparent that he is referring to the necessity of sending them away to the base. Similarly, nine out of ten war correspondents speak now of evacuating not a town but its inhabitants. Surely this is a misuse of language. It is not new; it may be found in a good many writers from the middle of the seventeenth century downwards, but it has never been so common as it is at present. Protest is, I suppose, useless; the misuse, like that of "sustain" for "suffer" in such a sentence as "He sustained fatal injuries," is too firmly established; but medical writers at least should avoid such ambiguities, for which there is absolutely no occasion.

Oenophus

is too cruel "by Halfe." His ingenuity in the use of winged words is positively devilish: "Bye-Worde!" quoth he. It is delicious, but it is wicked: he ought to think of the fate of Holme's victim, and not "write as funny as he can." I have already lost several buttons by him, and I cannot afford to lose any more. Besides, his criticism is not "constructive." Strictly speaking, of course, no criticism is, but he will be taunted with this lack if he goes on as destructively as he has done up to the present.

English Rhubarb

was stocked by a good many chemists when I entered the trade in the early 'sixties of last century, and I once served a short term as assistant to a man who grew and powdered his own, and used it extensively in his business. I was not surprised to find customers complain of the abnormal mildness of his pills. The rhubarb grown by the apothecary Hayward at Banbury was *Rheum Rhaponticum*, but *R. palmatum* was being grown in England at about the same time, and medals were awarded for it too by the Society of Arts. There is an account in "Pharmacographia" of a visit paid to the Banbury, or rather the Bodicott, rhubarb-farm (which was then one of seventeen acres), and of the process of drying and preparing the root for market. I am afraid my old governor was not so careful as the Ushers, but my impression is that those days, which some survivors paint as the golden age of pharmacy, were rather its dark age, or at any rate that it was then only slowly emerging from its dark ages.

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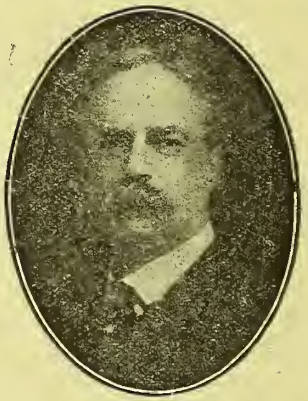
Editorial Articles.

Joseph P. Remington.

We regret to announce the death on January 1 of Professor Joseph Price Remington, Chairman of the Committee of Revision of the United States Pharmacopœia, Dean, Professor of Theory and Practice of Pharmacy, and Director of the Pharmaceutical Laboratory in the Philadelphia College of Pharmacy, and honorary member of the Pharmaceutical Society of Great Britain and the British Pharmaceutical Conference (since 1894). He was born in Philadelphia on March 26, 1847, his father being a physician and his mother the daughter of an apothecary of that city. His great-grandfather, Townsend Speakman, was among the first apothecaries in Philadelphia, having emigrated from England soon after the settlement of Pennsylvania. Professor Remington served three years in the wholesale drug-trade, and in 1867 entered Squibb's Laboratory. Afterwards he was with Powers & Weightman, and in 1872 purchased a drug-store in Philadelphia. Upon the death of Professor Procter in 1874, he was appointed Professor of Pharmacy in the Philadelphia College, and was connected with that institution from that time until his death. He was probably the best-known pharmaceutical authority in the United States, and was almost as well known in Europe owing to his visits to meetings in Europe of the International Congress of Pharmacy—the last occasion being the Congress held in Holland in 1913. He was connected with all the representative pharmaceutical bodies in the United States, and in 1892 was Chairman of the American Pharmaceutical Association, with which he had been connected for many years previously. He was the author of numerous papers on pharmacy, many of which were contributed to the American Pharmaceutical Association. The earliest



PROFESSOR J. P. REMINGTON.

paper, in 1868, was on the preparation of hydrargyrum cum cretâ, and it is interesting to recall that in 1889, when there was a controversy as to whether practical or theoretical (shop or college) knowledge should be acquired first, he held that store experience first was the rational course. Professor Remington was a typical educated American, his courtly and pleasant manners winning him friends at sight; he was a pharmacist in every sense, and we sympathise deeply with the craft in the United States on the loss that his death occasions.

Just before the news of his death reached us we received a copy of the sixth edition of Remington's "Practice of Pharmacy" (Lippincott, 35s.) which is a work by which Professor Remington was known to several generations of students. In the present edition, appropriately bound in khaki-coloured buckram, acknowledgment is made of the assistance given in the preparation of the work by Dr. E. Fullerton Cook, Dr. A. Hastings Fitzkee, Dr. A. Parker Hitchens, Mr. B. A. Heims, and his son Dr. J. Percy Remington. The first edition was published in 1885, and contained 1,080 pages, while the present edition with 1,987 pages is easily the bulkiest, as it is the best, book on pharmacy in the English language. The size depends upon the fact that the work not only contains a treatise on pharmacy but covers the chemistry and materia medica of the United States Pharmacopœia and the National Formulary. It deals also with prescription-reading, and contains a formulary which is sufficiently up-to-date to include Dakin's dichloramine solution and eusol. The work contains 816 illustrations, including the well-known still which Remington invented in 1872. Appended to each chapter are questions designed to test the student's progress, and at the end is a useful glossary of uncommon names, terms, and substances.

Seeds and Fixed Oils.

In the *C. & D.*, October 20, 1917, we dealt with the severely handicapped conditions of the seed and fixed-oil industries which were brought about by the Government price-regulations. Seed-crushers then experienced great difficulty in obtaining supplies of raw materials, and consumers were unable to cover their needs as the result of the prevailing scarcity aggravated by the fixed maximum prices. Since then matters have gone from bad to worse, and the fears of the industry that had been felt for some time past as to the elimination of the merchant-trade have unfortunately proved well founded, as indicated by the promulgation by the Food Controller of the new official Order requisitioning stocks of oils and fats over 5 tons at the beginning of the year. (See *C. & D.*, January 5, p. 33.) The enforcement of this Order means that practically every section of this important industry has been transferred to Government Departments. The representations that had been made during the last few months by various home-trade associations connected with the oil industry against what they considered unnecessarily drastic Government interference with the usual trade channels thus proved of no avail, and it is to be apprehended that with the trade now drifting entirely into Government channels, the interests of consumers are bound to suffer more than ever through unnecessary delays, lack of experience, red-tape methods, etc. There was not much fault to be found with the price-control that had been in force since last spring, as this control was primarily intended to eliminate all speculation and thus to prevent an inflation of prices at the expense of the consumer. So far as can be gathered, the new move will leave but little, if any, latitude to merchant firms, most of whom will probably be crippled at least over the remainder of the war, and then may even stand but a poor chance of recovering some of their old connections.

The chief aim of the scheme in taking over the output of seed-crushers and the stocks of oils and fats is apparently to concentrate Government efforts on the preservation of seed-oils for food-purposes, even at the risk of overlooking other important commercial problems. An indication to that effect is that a buyer of cottonseed oil would have to bind himself that his purchases be confined for edible use and not be utilised elsewhere or in the manufacture of soap or any other product. Serious complications, at present possibly underrated by the authorities, are certain to arise—for instance, in connection with the output of glycerin, of which considerable quantities are needed for Government purposes. Having regard to raw material, everything is now handled by the Food Ministry, while the limited quantities occasionally permitted to come on the market are picked up quickly at the maximum rates in force, there being an insatiable demand. Raw supplies are badly needed in all directions, while numerous mills in various parts of the country have been practically idle for some time past. The Board of Trade Returns covering the year 1917 are illuminating, having regard to the receipts of the chief descriptions of seeds. The total imports of linseed amount to only 1,016,011 quarters, against 2,506,836 quarters in 1916, while those of cottonseed were 219,045 tons, comparing with 329,237 tons and 494,585 tons respectively in the two previous years. The total of soya beans amounted to 25,049 tons, against 65,364 tons in 1916 and 170,910 tons in 1915. On the other hand, the imports of rapeseed were fairly good, being 305,505 quarters against 375,087 quarters in 1916 and only 192,236 quarters in 1915; those of castor-seed were more than maintained at 898,557 cwt. against 819,016 cwt. and 556,305 cwt. respectively in the two previous years. Palm-kernels totalled 248,160 tons, this showing a further moderate increase against the previous year. The imports of coconut oil were fairly well maintained, although showing a slight decrease against 1916, at 403,946 cwt. Both rape and olive oil were considerably less, and practically no linseed oil was imported.

These figures speak for themselves. The need of practically all seed oils is very urgent, while the position as regards feeding-stuffs causes serious apprehensions. The question as to whether the schedule of maximum official rates will be revised is considerd somewhat doubtful, yet there is good reason to believe that, in order to ensure better economic conditions, certain alterations will eventually be made.

Reconstruction Problems.

VI. A Drug-trade Council.

There exists at the present time no one body which can speak with authority for the whole of the drug-trade. There are times, however, when it is desirable that some representative body should be able to place the views of the drug-trade as a whole before Government Departments or when such a body should be available to be consulted by the Government when any step in legislation affecting the drug-trade is being taken. The Pharmaceutical Society of Great Britain and the Pharmaceutical Society of Ireland may be taken to represent retail chemists; the Drug Club, wholesale druggists; the Proprietary Articles Trade Association, a section of the makers of proprietary articles; the Pharmaceutical Committees (imperfectly federated in the Local Associations Executive) and the General Council of Panel Chemists (Scotland), the interests of panel chemists; the British Pharmaceutical Conference, the scientific side of the drug-trade; the Society of Chemist-Opticians and Chemists' Dental Society, those sections of the trade interested in optics and dental work; the Public Pharmacists' and Dispensers' Association, those dispensing in public institutions; the Chemists' Assistants' Associations, the interests of assistants; and over 200 Associations, some of which are federated, local interests. No one of these bodies can, however, give an authoritative opinion on a matter affecting the whole trade. There have been occasions when such an opinion was required, and there will be many in the near future. As an example may be quoted the difficulties that arose in regard to the proposals for the abatement of duty on medicinal spirits where the medical men's and dispensers' views only were placed before Parliament with the consequence that the effect had to be modified afterwards by inter-Departmental conferences. Mr. C. A. Hill, the President of the British Pharmaceutical Conference, in his address at the July meeting last year emphasised the need of what he designated a Public Policy Committee which could co-ordinate, and amalgamate the views of the craft

as a whole. It will be remembered also that in what is known as the Whitley Report of the Sub-Committee on the relations between employers and employed the formation was urged of Joint Standing Industrial Councils representing each trade. Among the questions which it is proposed that these Councils should undertake are those of technical education and training, industrial research, and the consideration of legislation affecting the industry. There has recently been instituted an Industrial Reconstruction Council for the purpose of assisting trades to form the representative bodies referred to, so that it may be taken that the Government is in earnest in this matter. We know that the need has already been felt for a representative body which can be called in for consultation. We hazard the opinion also that the absence of such a Council in the past is perhaps one of the reasons why the Government appear constantly to disregard the views of any one of the Societies representing sections of the drug-trade. The difficulty arises at once that the Pharmaceutical Society, which has been provided with a handsome income by the State, takes a narrow view of its responsibilities and is extremely jealous of any other body which may appear to encroach on its preserves. But for these characteristics the matter would have been easy of accomplishment. As it is, it is not unlikely that the Ministry of Reconstruction will require to take in hand the organisation of the drug-trade. It would be much better, however, if the initiative came from within. The starting-point is the formation of a real Federation of Local Associations and of Pharmaceutical Committees. Some parts of the country are already federated areas of Local Associations and a reconstituted so-called Local Associations Executive Committee could be made really to represent the Pharmaceutical Committees from which it draws the money which pays the Committee's expenses. These bodies and the Pharmaceutical Societies would appoint members representing retail chemists to the Drug-trade Council and the wholesale druggists represented in the Drug Club and the Association of Wholesale Druggists could arrange delegates to represent their section. The Whitley Report to which we have referred is largely concerned about the relations between employers and employed, and for this reason the various Chemists' 'Assistants' Associations would need federating and representing on the Trade Council. We understand that the Industrial Reconstruction Council is willing to assist in bringing together the different elements of a trade and to arrange a meeting. There will in the near future be many problems for the Trade Councils to solve, and those trades will suffer which are not in a position to represent their views to the Government. It is necessary first to consider what bodies should be represented on the Council and the manner of the election of delegates. We have not attempted to give a complete list of representative Societies and Associations, but the test in this case is that the Association represents definite interests of persons connected with the drug-trade. Looking still further forward in this matter of State recognition, to the formation of a representative Upper House in the Parliamentary system of this country, it is probable that the drug-trade would be in a position through its Council to claim a seat there, and thus ensure that the views of the drug-trade would be heard in legislative proposals—a far better idea than spending money in the attempt to obtain the election to the House of Commons of representatives of sectional interests.

Insurance Dispensing Difficulties.

V. Homœopathic Prescriptions.

Pricing of homœopathic prescriptions, and of prescriptions ordering both homœopathic and allopathic remedies as ingredients of mixtures, has been the cause of peculiar difficulty under the prevailing system of a cost-price Tariff, mainly because of their greater complexity, but also because of the long intervals at which price-lists of homœopathic medicines are issued. The actual pricers of prescriptions are usually individuals without special technical training; and, though they frequently become remarkably skilful in the interpretation of ordinary prescriptions, the differences in the methods of ordering homœopathic medicines are apt to confuse them and lead to inaccurate results. As a consequence it is often found desirable to train certain pricers specially in the mysteries of homœopathic prescribing and dispensing, and to depart from the usual rule of pricing ingredients at cost. The lack of regularly revised monthly price-lists renders it a matter of extreme difficulty to secure uniformity in pricing when this rule is strictly adhered to, and misinterpretation is likely to lead to much more widely diverging results than in the case of allopathic prescriptions. Accordingly, it has become customary to adopt scales of flat rates for the pricing of ingredients in homœopathic prescriptions, and it is a not insignificant fact that complaints from chemists who are in the habit of dispensing such prescriptions are very uncommon, dissatisfaction with payments for National Health Insurance homœopathic dispensing being extremely rare. At the same time it is important to note that pricing on any other system than that based on the cost-price of ingredients can only be authorised by Insurance Committees after consultation with the homœopathic chemists on the panel for their respective areas, and with the approval of the National Health Insurance Commissioners. The scales of rates which have been in use at different Pricing Offices for some time past have, as previously indicated, apparently given fairly general satisfaction to the homœopathic chemists; but, on the other hand, it is known that the National Health Insurance Commissioners have taken exception to the addition during the year 1917 of the 0.3*d.* per prescription in the case of homœopathic prescriptions priced in accordance with the scale of rates in force in certain areas, presumably because the rates are thought to be too high. In the circumstances, therefore, it is not surprising that an attempt should have been made to establish a uniform scale of rates for the whole country. This scale provides a basis of payment which, it is understood, will be approved by the Commissioners on the application of any Insurance Committee. It provides for the pricing of all homœopathic tinctures, pilules, globules, and triturations at the rate of 1*d.* per drachm, and of tablets at 1½*d.* per dozen, while ointments and special preparations are to be priced at cost. In all cases the usual dispensing-fees prevailing are to apply—namely, 2.55*d.* for pilules, globules, triturations, tablets, and tinctures ordered alone, and 3.55*d.* for mixtures containing homœopathic tinctures. In certain respects this scale of rates is less remunerative than others at present in use; but, regarded as a whole, it presents certain advantages, not the least being that of establishing uniformity, and its adoption is at least worthy of a reasonably extended trial.

Poor-law Reconstruction.

The Committee appointed by Dr. Addison, Minister of Reconstruction, has issued a Report on the transfer of the functions of Poor-law Authorities in England and Wales, which is of vital interest to several hundred pharmacists who hold appointments under the Poor-law. The Report recommends that Boards of Guardians be abolished and the duties taken over by County Councils. It is suggested that officers who are replaced should be compensated, but doubtless a few dispensers will be needed if the present system of outdoor dispensaries is continued. Doctors and nurses specifically are referred to in this connection, but the removal of a dispenser who may have been out of touch with the retail for many years is a much more serious affair. The Pharmaceutical Society should look into this matter at once and consider the steps that should be taken to ensure that the interests of chemists are not neglected. The proviso which would cover the case of dispensers is

That officials should be transferred to the County or County Borough Councils, and that suitable provision should be made for adequate compensation of all such officers as may suffer *direct pecuniary loss*, either due to abolition of office or diminution in emoluments and salary.

Associations' Winter Session.

Birmingham.—The Birmingham Pharmaceutical Association held a very enjoyable whist-drive at the Grand Hotel on January 23, in aid of the funds of the St. John Ambulance Rest Station for supplying refreshments to wounded soldiers passing through on the Red Cross trains. Although it had not been possible to ensure refreshments beforehand, notices being sent out accordingly, in the end coffee and and biscuits were provided by the President and Mrs. Buckingham, and the anticipated "dry affair" was therefore not realised. The prizes, twelve in number, were presented by Mrs. Buckingham, and general satisfaction was expressed with the whole of the arrangements.

Edinburgh.—A meeting of the Edinburgh District Chemists' Trade Association was held in the Pharmaceutical Society's House, 36 York Place, Edinburgh, on January 28, Mr. James Dick (Chairman) presiding, when Mr. K. J. C. McLennan read a paper on *Commercial Pharmacy—Salesmanship as an Asset.* After emphasising the fact that business is a science, the speaker instanced the successful American and London stores as showing the effects of business organisation and qualified salesmanship. The efficient salesman must be able to "size up" a customer, and from what he asks infer what he likes. He must know his own goods—how they are made and the ingredients, and the uses for which they are suitable. He must have confidence that the articles he sells are of the best quality. He must combine enthusiasm, alertness, courtesy, dignity, and tact. Mr. McLennan advised the effective display of goods in the pharmacy and the employment of suitable printed cards as being a "silent salesman." Another, he said, is the pharmacist's window. "It is your biggest advertisement, therefore try to impress others with its importance. Place your cards and goods prominently in that part of the window which catches the eye of people passing. So placed they arrest attention, and ten to one you sell them something. Another silent salesman is your inside displays and modern fittings. All-glass cases will be the chemist's fixture in the future. As a pioneer in that line in Scotland I can assure you they are an essential asset to a business from a selling point of view. The goods are thereby displayed at all angles. Train your apprentices and assistants to sell. Such assistants may have ideas which in your handling might have great success. Think big. Do not be content with small doings. Wherever your shop may be it will be what you make it. Aim as high as you can. A big business is not made in a few years, but think out new chances and read the experience of others. Search out your own deficiencies to be overcome, and realise that pharmacy on its commercial side is as scientific as the professional side, and the greatest link is salesmanship." Salesmanship, he concluded, may be summed up under the headings of "Be's" and "Don'ts" as follows: Be courteous, be enthusiastic, be tactful, be informed about the goods, be alert; and don't push sales, don't be disappointed by poor beginnings. Pharmacy, like all other professions, has its successful as well as its unsuccessful men. The successful men are those who love their calling, put their heart and soul into the work, find comfort in so doing, and continually study the details of the scientific as well as the commercial sides of our rapidly developing profession. The reading of the paper was followed by an interesting discussion, taken part in by Messrs. Glass, D. McGlashan, Nisbet, Tainsh, Fisher, Nightingale, Hill, Brown, Adamson, Clark, and Turnbull. On the motion of Mr. Glass a very cordial vote of thanks was awarded to Mr. McLennan, who replied to the discussion. Mr. Nisbet drew attention to Royal Infirmary prescriptions for glycerin as an ingredient of boroglyceride. It was agreed to communicate with the Infirmary authorities, drawing attention to the urgent need for economy in the use of medicinal glycerin, and suggesting the avoidance of such prescriptions unless imperatively necessary and the reduction of the quantity supplied where such necessity arose. Mr. Nisbet also made inquiry as to whether anything was being done by the Pharmaceutical Society to suggest a substitute for olive oil in liniments. It was explained that the Council had appointed a special Committee to deal with matters of this kind. So far there was no indication of a substitute for olive oil, and the difficulty lay in the fact that practically all oils and fats are commandeered by the Government for war purposes.

Halifax.—The annual meeting of the Halifax and District Chemists' Association was held at the Old Cock Hotel, Halifax, on January 21. In the absence of the President, Mr. B. C. Hodgson (Vice-President) occupied the chair. The following officers were elected for the ensuing year: *President*, Mr. B. C. Hodgson; *Vice-Presidents*, Messrs. A. Taylor, J. A. Sutcliffe, and H. K. Woodward; *Hon. Treasurer*, Mr. J. E. Wormald; *Hon. Secretary*, Mr. R. V. Sutcliffe. Correspondence was read from the Council of the P.A.T.A. and the Brighton Pharmacists' Association respecting the retail prices of Proprietary Medicines, and the following resolution was carried: "That this meeting of the Halifax Chemists' Association strongly advise a boycott, for a definite period, by all pharmacists in the country, at the same time, of any special proprietary medicine (which might be selected by the P.A.T.A.), as being the only remedy which might induce manufacturers to place their goods on the P.A.T.A. and so obtain the necessary adequate margin of profit."

Hull.—The first meeting of the session of the Hull Pharmacists' Association was held on January 22, when the President (Mr. L. S. Sellé) gave an address on *A Reconstruction Programme for Pharmacists.* He said that when society was setting about reconstruction it behoved them to set their house in order too. Education was of first importance. The Preliminary examination was in a very unsatisfactory condition. To pass an examination in six subjects at three sittings was not a brilliant feat. The abolition of Latin as a compulsory subject was of doubtful benefit. But relief was coming, and secondary schools' headmasters were trying to arrange for a leaving certificate which would meet the case of students in a large number of callings, and would be very welcome. The very name of Minor was a disgrace to them and to the Society. Outsiders went by the name, and it was looked upon as a sort of backdoor into pharmacy. The name should be altered. With regard to the subjects, chemistry should be made stronger and bacteriology should be added. Few took the Major, as it led nowhere. The qualification of a pharmacist should be valid throughout the British Empire. It was the Colonials who were to blame, and a real remedy should be provided, and at once. The Minor should be taken in two examinations. They had three first-class fights before them in the House of Commons. First, a fight for their rightful position in the production of the British Pharmacopœia; secondly, with the Institute of Chemists, who might be allowed to retain the name "chemist" if they decided not to use it in retail trade and allow them to be A.I.C. and F.I.C.; thirdly, with the apothecaries' assistants, who were asking for recognition and might receive support from the doctors. There would be a shortage of chemists after the war, and it would be nothing short of tragic to give the apothecary assistants what they are asking for. Pharmacists had lost ground through their lack of enthusiasm in public matters, such as not being on Hospital Committees, Chambers of Trade, and the like. They should make a point in taking part in civic and industrial life. He took an optimistic view of the future of their calling, and mentioned some of the classes of business which should improve after the war. The address was discussed by Messrs. Spilman, Agar, Walton, Jones, T. Smith, A. Richardson, and Iddon, and the President was warmly thanked. It was decided to support a tariff for homœopathic dispensing. A letter was read from the P.A.T.A. requesting pharmacists to write to firms who have not joined the Association, and the Secretary was instructed to reply.

Irish C.A.A.—The annual meeting of the Cork Branch of the Irish Chemists' Assistants' Association was held at Stephen's Hotel, Pembroke Street, last month, under the presidency of Mr. P. O'Connor, when a very encouraging annual report and a satisfactory balance-sheet were adopted. The following officers were elected for the ensuing year: *President*, Mr. P. O'Connor, Ph.C.; *Vice-President*, Mr. F. Hartnell; *Treasurer*, Mr. M. Kennedy, Ph.C.; *Hon. Secretary*, Mr. V. O'Sullivan; *Committee*, Messrs. Nolan, Burke, Ronaghan, Ph.C., Gilmour, Wrixon, and P. Walsh. A vote of thanks was accorded to the outgoing officers for their services during the past year.—At a special meeting held at Stephen's Hotel on January 10, a resolution was carried sympathising with the Vice-President on the loss of his brother, who has been killed in action.

Lancashire.—The annual meeting of the North-East Lancashire Chemists' Association was held in the Victoria Hall, Cort Street, Blackburn, on January 24, Mr. R. L. Gifford, J.P. (President), in the chair. There was a good attendance. The retiring President gave a short account of the year's progress in pharmacy, and remarked that the policy of the Pharmaceutical Council had always been to give the best possible service under the Insurance Acts, and though in the matter of remuneration the chemists felt they were anything but generously treated, this feeling was not allowed to affect the policy of giving the best

professional service and medicine. He thought there was little doubt that the scope of the medical services under the Act would have an important extension in the future, and that dependants, including wives and children, would be brought within the scope of the scheme. It seemed monstrous to-day that the insured father and husband had the opportunity of having a free doctor, and of having someone to look after him, whilst his wife and children had no such provision. The following office-bearers were elected: *President*, Mr. J. W. Aspinall; *Vice-President*, Mr. Gifford; *Treasurer*, Mr. J. M. W. Openshaw; *Committee*, Messrs. McKie, Lightbown, Eyles, Pickup, Isherwood, and Dotchin. A resolution was unanimously passed congratulating Mr. Woolcock on the honour recently conferred on him, and assuring him of the satisfaction it had occasioned in East Lancashire.

Liverpool.—The annual meeting of the Liverpool Chemists' Association was held at the Royal Institution on January 30. Members and their friends were received by the President (Mr. William P. Evans) and Mrs. Evans, and the social success of the gathering was marked. The President of the Scarborough Association (Mr. George Whitfield) was among the visitors, and was welcomed by Mr. Evans, who expressed the hope that Scarborough would follow Liverpool in receiving the British Pharmaceutical Conference. The report read by the Secretary (Mr. D. H. Evans) stated that twenty-nine members had been elected during the year, making a total roll of 220. The report was carried. The balance-sheet showed an addition of 25*l.* to the War Loan. The Vice-President, Secretary, and Treasurer were re-elected, and the six members nominated for the Council were elected without contest. In his Presidential address on *Present Trade Difficulties*, Mr. Evans said that the large attendances of recent months indicated a realisation of his wish that wholesalers and retailers should work more harmoniously together. He welcomed the accession of new blood to the Council and the return of Mr. Robinson and Dr. Symes. Trade difficulties were never more acute, but must be overcome. The Government objected to chemists sending their sugar supplies to wholesalers for making syrups. The scarcity of assistants was being relieved by lady recruits. The retail trade was never better. (Cries of "Oh!") He understood their handicaps, but was glad that wholesalers were allowed to issue price-lists for a year at least. He wished to thank Mr. W. J. Uglow Woolcock, Army Contract Department, and Dr. McCleary, National Health Department, for help given to the trade. A vote of thanks to the President was moved by Mr. Moreton Parry. In supporting, Mr. Whitfield said it was good to see so fine a gathering and to meet the veteran Dr. Symes. The President briefly replied, and music from members and friends concluded an enjoyable evening.

London (N.).—The monthly fireside social of the North London Pharmacists' Association took place on January 17 at the Progressive Pharmacy Club. The extremely bad weather considerably reduced the number of visitors, but this scarcely militated against a very pleasant evening. After various games of cards, Miss Noble, Mrs. Beckwith, Miss Beckwith, and Messrs. Hamilton, Beckwith, and Bowie gave a musical entertainment.

Southend-on-Sea.—The annual general meeting of the Southend-on-Sea Association of Pharmacists was held on January 25, Mr. R. H. Shields (Vice-President) in the chair. The Treasurer, Mr. S. Y. Spouncer, presented his report for the past year, which showed a balance standing to the credit of the Association. It was agreed that the whole of the retiring officers be re-elected for the current year. Discussion arose with reference to the profit on certain proprietary lines, and, on the suggestion of Mr. S. F. Body, the Secretary was requested to write to a selected list of manufacturers whose goods are not at present on the P.A.T.A. list urging them to protect their goods, and so ensure retailers a reasonable profit.

Warwickshire.—The annual general meeting of the Warwickshire Pharmaceutical Association was held at Leamington on January 23. Mr. Hutton (Leamington) was re-elected *President*, Mr. Lester (Nuneaton) *Vice-President*, Mr. Winfield (Solihull) *Treasurer*, and Mr. Davis (Leamington) *Hon. Secretary*. The Executive Sub-Committee and Hon. Divisional Secretaries were also reappointed. The protection of proprietary articles at face-value was discussed, and it was resolved to bring the advisability of this very necessary reform once more before the P.A.T.A. The balance in hand was 13*l.* 6*s.* 7*d.*, and it was decided to send a donation of three guineas to the Parliamentary Fund. A copy of the "B. and C. P." minimum-price list is in future to be supplied monthly to all paying members of the Association. The officers were heartily thanked for their services during the past year.

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Practical Notes and Formulas.

Syrup Substitute.

Dr. Curt P. Wimmer, of the New York College of Pharmacy, has devised the following substitute for syrup which he claims has the same viscosity and sweetness as syrup:

Liquid glucose	667 c.c.
Water	333 c.c.
Saccharin	1.35 gram

He advocates also the use of a mixture of dextrose 1,000 parts and saccharin 1½ part in place of the sugar in compound liquorice-powder.

A Cheap Hand-lotion.

Dr. Alfred Eddowes ("British Medical Journal" II., 1917, 848) states that the following is a useful lotion for use in skin-cases in which glycerin, now unobtainable, was formerly indicated:

Cyllin	ʒss.
Mucil. amyli	ʒij.
Aq. ad	Oj.

Mucilage amyli is a 2-per-cent. boiled solution of starch.

Bee-disease.

Mr. E. E. Lowe, Leicester, states in "Nature" that he has been experimenting with acriflavine as a cure for Isle of Wight bee-disease. He placed a feeder on the top of the brood-box of an infected swarm containing a pound of honey to which had been added 40 c.c. of a solution of acriflavine (1 in 1,000), and in addition sprayed the bees, over the top of the frames, with acriflavine solution until most of the bees were distinctly wet. The next day the bees appeared much livelier, and although Mr. Lowe thinks that most of the infected bees died, the disease was prevented from spreading to the young bees which took their place. A difficulty was experienced since the advent of colder weather in getting the bees to take the honey-and-acriflavine mixture.

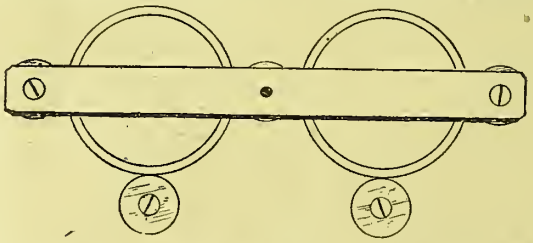
Wrapping up a Bed-pan.

An Earthenware Bed-slipper on its way back from hire slipped out of the paper and was smashed, although my customer had used nearly thirty yards of string. This suggested the following method of tying: A loop with a

Gordian knot round the toe, the string brought over the heel, through the handle, and tied again to the loop underneath. Four feet of string, and the slipper may be hung on a nail anywhere. If wrapped before tying, a hole can be pushed through the paper covering the handle with a penholder.—*Mr. Thos. Postlethwaite, Ph.C.*

Preserving the Pill-rounder.

Consider the treatment of a pill-rounder on and off duty. In use, the skilful movement and the delicate pressure acquired after long years, and then—thrown anywhere.



Finally, neither side being buttered, it falls on its edge and becomes a casualty. Material, *à la* Cookery-book:

One strip of wood, 8 in. by ¾ by ¼.
Four screws, 1½ in.
One French nail, 1½ in.
Five 8-oz. corks, 1 in. long.
Time, twenty minutes. Sufficient for two pill-rounders.

Bore holes at each end of the wood to take the screws, and holes through each of four corks. The nail can be driven through the centre of the strip and the other cork. Then fix on the inside of a handy cupboard-door at a height where it will be free of the shelf.—*Mr. Thos. Postlethwaite, Ph.C.*

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Coventry.—The Insurance Committee met on January 28, when the Pharmaceutical Service Sub-Committee reported on a case in which a panel patient took a prescription for cataplasma kaolini to a chemist, who did not have the article in stock and referred the patient to another chemist. Instead of acting on the suggestion, the patient went to other chemists, and eventually paid 2*s.* 6*d.* for antiphlogistine, which sum was now demanded from the Committee. The Sub-Committee consider that "it can only be inferred that the complainant's object was to ascertain how many chemists did not stock the preparation in question," and recommended that the request for reimbursement be refused. The report was adopted without discussion.

Essex.—The Insurance Committee met at River Plate House, Finsbury Circus, London, E.C., on January 29, Mr. J. H. Burrows (Chairman) presiding. The Finance Sub-Committee reported that the administration expenses of the Pharmaceutical Committee for 1917 amounted to 348*l.* 1*s.* 9*d.*, and the estimated expenditure for the current year was 403*l.* The Medical Benefit Sub-Committee reported that two chemists had joined the panel and three firms had resigned. The report also recommended that the deletion of the words "and shall" in Article 12 of the Medical Benefit regulations (enabling patients in rural areas to obtain medicines from chemists) be referred to the Commissioners, and after some discussion the report was adopted.

Isle of Wight.—At the meeting of the Insurance Committee it was reported that the Commissioners had agreed to the additional allowance to chemists of 0.45*d.* per prescription for 1918, making a total increase on the ordinary dispensing-fee of 0.75*d.* on account of war conditions. All the chemists on the panel have agreed to continue serving.

Kent.—The Insurance Committee met at Maidstone on January 23, Mr. C. Igglesden presiding. The Finance Sub-Committee reported that the Insurance Commissioners had suggested that they should make payments direct to the Joint Committee for Pricing Prescriptions, but the Sub-Committee does not approve of the Insurance Committee's responsibility for the expenditure of administrative funds being handed over to the Commissioners, and the latter have withdrawn the suggestion. The Medical Benefit Sub-Committee's report stated that the Commissioners had agreed to the use of syrupus factitius (W.E.F.) as a substitute for sugar and glycerin in prescriptions, subject to a certain latitude being left to prescriber and dispenser. The report also mentioned that the Commissioners had approved the payment of an additional dispensing-fee of 6*d.* for each prescription marked "urgent" by the doctor which is presented for dispensing and is dispensed on Sundays during the hours when the pharmacy is closed. The additional fee will be payable as from January 1. The Sub-Committee further reported that the panel list of chemists is adequate for 1918. The number of persons undertaking to supply drugs and appliances is 193 (representing 268 shops), and of persons undertaking to supply drugs (other than scheduled poisons which require to be dispensed) and appliances 3. The figures are the same as for 1917. The Special Sub-Committee appointed to deal with negotiations with doctors and chemists for the year 1918 reported that it was understood the Pharmaceutical Committee had recommended chemists to accept the new terms of service.

London.—Sir Kingsley Wood presided at the monthly meeting of the London Insurance Committee held on January 24 at the County Hall, Spring Gardens (*C. & D.*, January 26, p. 40). The Medical Benefit Sub-Committee reported that in connection with the Early Closing Order complaints had been received from a few districts to the effect that chemists close down their business promptly at 8 P.M., and that it is not possible for insured persons to obtain medicines after that hour. According to the information in the possession of the Pharmaceutical Committee only about 6 per cent. of the prescriptions was dispensed after 8 P.M., and this was regarded by the Committee as evidence that, generally speaking, there is very little or no demand for a pharmaceutical service after the hour named. They (the Committee) recommended that they would not regard it as a breach of a chemist's agreement if the chemist's place of business was not open for dispensing purposes after 8 P.M., provided there were reasonable facilities in the neighbourhood for ensuring that prescriptions of an urgent character would be dispensed after that hour. The recommendation was opposed by Dr. Richmond, Dr. Benham, Dr. Shaw, and other members, who insisted on the necessity of arrangements being made for the dispensing of prescriptions after 8 P.M., and eventually the report was referred back for reconsideration.

Notts.—The Pharmaceutical Committee met at Mansfield on January 23, Mr. G. W. Briggs (Chairman) presiding. It was reported that the "War Emergency Formulary" came into force on January 1. Mr. J. A. Pegg was elected Chairman for the ensuing year, Mr. G. W. Briggs Vice-Chairman, and Mr. Milne (Secretary of the Nottingham Pharmaceutical Committee) Secretary, *vice* Mr. A. H. Bell, who resigned through ill-health and was elected on the Committee. The financial report showed the expenses for 1917 to be 69*l.* 12*s.*, which did not absorb the amount deducted from chemists' accounts on the basis of 2½ per cent.

Staffordshire.—The Medical Benefit Sub-Committee have reported to the Insurance Committee regarding charges of alleged excessive prescribing on the part of seven practitioners, and, after consulting the doctors concerned, now recommend that no further action be taken, as it is hoped the practitioners will be able, without detriment to their patients, to alter their prescriptions in the manner indicated to them by the Committee.

Southend-on-Sea.—A meeting of the Pharmaceutical Committee was held on January 25, Mr. S. F. Body in the chair. The Secretary, whose report was adopted, stated that the Committee's proposal regarding the adoption of the B.P. Codex Addendum for all Insurance dispensing had been approved by the Panel and Insurance Committees. It was agreed that a letter be sent to each panel chemist explaining obscure points in connection with the arrangement. The contract conditions for 1918 of the Central Checking Bureau were considered. Briefly these are that 10 per cent. of the prescriptions be examined as before, with no responsibility for the remainder, in return for a levy of 10*s.* per 100*l.* on the chemists' accounts. The Committee decided to accept these terms. In regard to the inclusion in the National Insurance Act, 1917, of a Section relating to the payment of expenses incurred by members of Pharmaceutical Committees, the Committee agreed to the payment of the following maximum scale: Payment of third-class railway fares to all meetings, and subsistence allowance of 10*s.* per day in county areas, and 5*s.* per day in borough areas, when attending ordinary meetings of the Committee, and one guinea per night if absence from home is compulsory in attending to the business of the Committee.

Surrey.—At the meeting of the Insurance Committee held at Grosvenor Mansions, Westminster, S.W., on January 30, the Medical Benefit Sub-Committee reported that 413 persons desired to continue to make their own arrangements for treatment for 1918. Two practitioners and three chemists have contracted for the treatment of invalided soldiers and sailors, and the report recommended that an advance payment of 90 per cent. of the face value of accounts be made quarterly in respect of such treatment as soon as possible after the receipt of the accounts.

Warwickshire.—The Pharmaceutical Committee met at Leamington on January 23, Mr. Hutton presiding. A good deal of routine work was got through. The Clerk reported that he had satisfied himself that in all cases where disallowances had been made by the Pricing Bureau the sufferer had always been informed. The scripts for July and August 1916 had been re-checked by the Pricing Office, and in one or two cases small adjustments against the chemist had had to be made, but in all other cases the amounts claimed had been added to the chemists' accounts. January and April 1916 are still unsettled, and some re-pricing will be necessary for January and June 1917; otherwise the work done now is much more satisfactory, and the efforts of the Central Checking Bureau are fully justified. It was unanimously decided to renew the agreements with the Central Checking Bureau for 1918.

The Scottish Drug-tariff.

The new Drug Tariff for 1918, which has just been issued, contains many features of interest, and we append a synopsis of this interesting document. The whole Tariff has been carefully revised—drugs on the basis of the B.D.H. list, appliances on the basis of Maw's list, and containers on the basis of the York Glass Co.'s list. The Commissioners have agreed to monthly revision of the entire list, and not merely starred articles as heretofore. The revision includes flat rates, and will be calculated as from the first day of the current month, instead of, as formerly, the 15th of the

previous month. The Commissioners cannot, under present regulations and the *status quo*, approve of the request to put poison-bottles on the deposit system, but they have approved of a local arrangement with the individual consent of every panel chemist, whereby this has been accomplished in Glasgow. They have notified other Insurance Committees that, provided every panel chemist in their area agrees, they are prepared to sanction the arrangement in every area. The Drug Fund will thus be relieved of considerable expense, and a larger sum made available for chemists' accounts. A clause has been inserted in the new Tariff, much against the protests of the Standing Committee, dealing with sugar and glycerin preparations. The Commissioners explain that they have been compelled to accept as adequate the statement of responsible Government Departments anent the restricted use of glycerin and sugar. The paragraph referred to states, that, owing to war emergency, medicines hitherto containing glycerin or sugar and known by 1914 Pharmacopœia names, also British Pharmaceutical Codex preparations, shall now mean the B.P.C. equivalents (or W.E.F.), and from February 1 these preparations are to be supplied to insured persons. The strongest protest was made on behalf of Scottish panel chemists, and the clause only inserted because the war policy of the Government made any other course impracticable. The Commissioners proposed the last free market price for glycerin (1*s.* 5*d.* per lb.) to be the cost price, but this was objected to, and ultimately the price accepted as cost was 3*s.* per lb.

Name.	oz. s. d.	dr. s. d.
Acetanilid. ...	0 8½	0 1½
Acid. acet. ...	0 1½	0 0½
Ac. acet. sal. ...	2 3	0 4
Ac. benzoic. ...	2 5½	0 4½
Ac. boric. ...	0 1½	0 0½
Ac. carbol. liq....	0 2½	0 0½
Ac. picric. ...	1 3	0 2½
Adeps	0 2½	0 0½
Æther purif.; 720	0 4	0 1
Ammon. benz. ...	2 10	0 5
Atrop. sulph. ...	34*s.* 4*d.* dr., 8½*d.* gr.	
Bals. peru. ...	2 11	0 5
Betacain. hyd....	11*s.* 11*d.* dr., 3*d.* gr.	
Bismuth. sal. ...	2 3	0 4
Bism. subnit. ...	1 5	0 2½
Butyl. chlor. hyd.	17 3½	2 6
Caffeina	7 4½	1 1
Camphor. ...	0 5½	0 1
Cap. amyl. nit....	2*s.* doz.	
Chloramidum ...	8 8	1 3
Chloroform. ...	0 8	0 1½
Chlor. hydr. ...	1 10½	0 3½
Cocain. hyd. ...	13*s.* 4*d.* dr. 3½*d.* gr.	
Codeina	9*s.* 4*d.* dr., 2½*d.* gr.	
Collod. salicyl. co.	1 3	0 2½
Creosoti carb. ...	7 11½	1 2
Creosotum ...	2 3	0 4
Digitalinum (amorph.) ...	1*s.* 5*d.* gr.	
Ergotin.... ...	4 0	0 7
Ext. hellad. sic.	4 2½	0 7½
Ext. cannab. ind.	3*s.* 5*d.* dr.	
Ext. ergot. liq....	0 6½	0 1
Ext. filicis liq. ...	4 2½	0 7½
Ext. viburn. liq.	1 3	0 2½
Ferri et quin. cit.	2 4	0 4
Glycerin. ...	0 4	
Guaiacol. carb....	16 1½	2 4
Hexamina ...	0 10½	0 1½
Homatrop. hydrob.	2*s.* 4*d.* gr.	
Ichthosulph. ammon. ...	0 6	0 1
Infusions (various)	flat rate ½*d.* per oz. or part	
Infus. ergot., rosæ acid., aurant., buchu, serpt., et senegæ, flat rate of ...	1½*d.* for 2 oz.	
Lin. hellad. meth.	1 0½	0 2
Lin. camph. ...	0 4	0 1
Lin. opii ...	0 10	0 1½
Liq. adrenin. chlor.	4 2½	0 7
Liq. atrop. sulph.	4 2½	0 7½
Liq. cresol. sap....	2*s.* 8*d.* pint imp.	
Liq. epispast. ...	2 10½	0 5
Malourea ...	17 6	2 6
Menthol ...	1 10½	0 3
Methylsulphonal	7 11½	1 2
Morph. acet. et hyd.	4*s.* 1*d.* dr.	
Ol. cubeb. ...	5 7½	0 10
Ol. morrhuæ ...	3*s.* 11*d.* imp. pint	
Ol. santal. ...	6 8	0 11½
Paraldehyd. ...	2 4	0 4
Phenacetin. ...	5 4½	0 9½
Phenazon. ...	7 0	1 0
Phenolphthalein.	7 11½	1 2
Physostig. sulph.	11*d.* gr.	

Name	oz. s. d.	dr. s. d.
Pilocarp. nit. ...	4½ gr.	
Pills, various, an increase of 15% in cost to imply an addition of 1*d.* per doz. to flat rate.		
Pot. acet. ...	0 6½	0 1
Pot. brom. ...	0 10	0 1½
Pot. permang. ...	2 5½	0 4½
Potass. iod. ...	2 0	0 4½
Pulv. ipecac. co.	1 6½	0 3
Quin. hydrochl.	8 5	1 2½
,, ,, acid.	9 4	1 4
Quin. sulph. ...	6 1	0 10½
Resorcin ...	6 8	0 11½
Rhei rad. pulv....	0 6½	0 1
Sacch. lact. ...	0 4	0 1
Salicin	4 5½	0 8
Salol	1 6½	0 3
Santonin ...	2*s.* 9*d.* dr.	
Sod. benz. ...	2 5½	0 4½
Sod. cacodyl. ...	8 1	1 2
Sod. iodid. ...	2 4	0 4
Sp. rect. ...	0 6	0 1
Sp. vin. meth. ...	0 1½	—
Sulphonal ...	7 0	1 0
Suppositories (on Tariff) an increase of 15% on cost to imply addition of 3*d.* doz.		
Syrup	0 1½	—
Tab. pheuacet. ...	rate of 9*d.* doz.	
,, ,,	co. rate of 9½*d.* doz.	
Tr. cannab. ind.	1 9	0 3
,, iodi fort. ...	0 8	0 1½
,, ,, mit. ...	0 7	0 1
,, opii	0 11	0 2
,, quin. ammon.	0 5½	0 1
Tragac. pulv. ...	1 8½	0 3
Ung. belladon....	2 1½	0 4
,, gall. c. opio	1 3	0 2½
,, iodoform. ...	0 6	0 1
,, sulph. ...	0 3	0 0½
Zinc. valerian. ...	6 4	0 11

Bottles.—Up to 1½ oz. 1½*d.*, up to 8 oz. 2½*d.*, 10 oz. 3*d.*, 12 oz. 4*d.*, 16 oz. 4½*d.*, etc. *Poison bottles.*—½*d.* dearer than above prices.

Bandages.—Prices are numerous, but average 1½*d.* per inch approx.

Flannel, 2½ in. × 6 yds., 1*s.* 8*d.*; 3 in., 2*s.*

I.R., 2½ in. × 5 ft., 2*s.* 11*d.*; 2½ in. × 7½ ft., 4*s.* 3*d.*

Elastic web, 2½ in., 9*d.* yd.; 3 in. 10½*d.* yd.

Lint, unmedicated, 5½*d.* oz., 8 oz. 2*s.* 6½*d.*, 1 lb. 5*s.* 1*d.*

Lint, boric, 4*d.* oz., 3*s.* 8*d.* lb.

Lint, sal alembroth, 10*s.* lb., 11*d.* oz.

Cotton-wool, 3*s.* 8*d.* lb., 3½*d.* oz.

Oiled cambric, 33 in. wide, 3*s.* 4*d.* yd.

Oiled silk, yellow, 3*s.* 11*d.* yd.

G.P. tissue, 36 in. wide, 3½*d.* per sq. ft., 1*s.* 9½*d.* yd.

Tow, 1*s.* lb.

Rubber ice-helmet, 10*s.* 8*d.* each.

Check circular ice-cap, 8 in. diam., 2*s.* 5½*d.* each.

Splints, arm, plain, 5½*d.* each.

Catheters, single web, 8*d.*; soft rubber, 1 to 12, 10*d.*; over 12, 1*s.* 4*d.*

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. As a result of the War wholesale houses have had to contend with many fresh difficulties, some of which have involved greatly increased expenses. Shortage of labour with higher wages (equal to almost double pre-war rates) has a direct effect upon values of goods, as also have railway carriage, freights, cartage, and other charges. The foregoing and other incidental outlays prevent retail buyers purchasing at the market prices quoted here.

42 Cannon Street, E.C. 4, January 31, 3 p.m.

Although business is quiet generally, the firmer tone noted last week in a number of fine chemicals has led to a fair amount of activity in this section of the market, otherwise there is little doing in crude drugs; many inquiries are for products which are not to be had, and on several of those that are available there is an export embargo, although fair stocks are in existence. Acetanilide, benzoates, hydroquinone, hexamine, salol, and milk-sugar are all firmer markets. Bromides of potassium and ammonium are very firm and scarce, particularly the latter salt; sodium is plentiful, and easy in tone. Hypophosphites have been advanced 6*d.* per lb. by the makers, and following a rise of 1*s.* 6*d.* in bismuth metal, salts are correspondingly dearer. English refined camphor balls and flowers are 5*d.* per lb. higher, with a strong market, as supplies are very limited, added to which (as we have previously intimated) the Japanese have ceased shipping to this market. Both cream of tartar and tartaric acid are dearer. Saccharin is irregular, and much cheaper to arrive. Menthol is flat and rather easier on spot. Opium is extremely quiet. Canary-seed is again dearer, while anise, coriander, cumin, fennel, fenugreek, and dill are all unchanged. Turpentine is now under official control, and can only be dealt in by licence.

Higher	Firmer	Easier	Lower
Arrowroot Bismuth metal and salts Camphor (refined) Canary-seed Cream of tartar Hydroquinone Hypophosphites	Acetanilide Hexamine Salol Tartaric acid	Menthol (spot) Mint oil (Jap. spot)	Saccharin

Cablegram.

New York, January 31.—Business is fair. Peppermint oil in tins is steady at $3.25 per lb. Hydrastis (golden seal) has advanced to $5.00 per lb. Wahoo bark of root (euonymus) is dearer at 45c., and short buchu-leaves have advanced to $1.20 per lb.

Acetanilide remains firm at from 4*s.* 9*d.* to 5*s.* per lb. net on spot. The position in U.S.A. also remains strong.

Anise Oil, Star, is quiet at from 4*s.* 2*d.* to 4*s.* 3*d.* per lb. on the spot for "Red Ship" brand, as to quantity. Arrivals aggregating 530 cases have taken place.

Aniseed is unchanged at 80*s.* per cwt. for Russian, with a slow demand.

Antimony.—Chinese crude on the spot remains very scarce, and holders ask 45*l.* to 46*l.*, but no business has been reported lately. A few tentative inquiries have been made to cover near contracts both in crude and foreign refined, but business is somewhat difficult. New forward orders, of course, can only be arranged under permit, and the question of freight presents almost insuperable difficulties. An American report alludes to the negotiation of a rather large quantity of crude for future shipment.

ARROWROOT is dearer, a good business having been done, chiefly from second-hands, at from 6¾*d.* to 8¼*d.* per lb. for St. Vincent.

ARSENIC.—Best Cornish powder is quoted at from 155*l.* to 160*l.* per ton.

ASPIRIN.—The demand shows signs of improvement, and it is evident that the falling off of the home production is beginning to be felt; keen competition appears to have come to an end for the time being.

BALSAM TOLU is still very scarce, with sales of single cases at 5*s.* 9*d.* net and 6*s.* net asked.

BENZOATES.—The price of benzoic acid in New York has advanced to $6.00 per lb., which would be equal to a lay-down cost in London of about 27*s.* 6*d.*, whereas English can be bought at 17*s.* 6*d.*, and sales have been made at this price, but higher prices are probable here, as the small production has been sold for some months ahead. We understand the quality of the English acid is superior to that of the American.

BISMUTH SALTS.—The metal having been advanced 1*s.* 6*d.* per lb. to 12*s.* 6*d.*, makers have made a corresponding advance in the salts, the following being the official rates (the figures in parentheses representing the amount of the advance): Subnitrate, 13*s.* 2*d.* (1*s.* 8*d.*); carbonate, 13*s.* 6*d.* (1*s.* 8*d.*); salicylate, 15*s.* 8*d.* (1*s.* 2*d.*); subgallate, 14*s.* 3*d.* (1*s.* 3*d.*): oxide, 15*s.* 11*d.* (1*s.* 3*d.*); nitrate, 8*s.* 11*d.* (10*d.*); citrate, 14*s.* (1*s.*); subchlor., 14*s.* 3*d.* (1*s.* 5*d.*). Liq. bismuthi is 1*d.* dearer.

BROMIDES.—Both the potash and ammon. are very scarce on spot, especially the latter salt, which is quoted at 5*s.* 9*d.*, granular potash being worth 7*s.* 6*d.*, and crystals 7*s.* 9*d.* On the other hand, fair arrivals of sodium have taken place, and it is offered rather more freely at 3*s.* 9*d.*, and in second-hands at 3*s.* 6*d.* No licences for the export of potash and ammon. have yet been granted from America, so that the scarcity may be yet more acute.

CAMPHOR.—The English refiners have raised their prices by 5*d.* per lb., and now quote *bells* at 4*s.* 1*d.* and *flowers* at 4*s.* Market at these rates is very strong and supplies extremely limited. Japanese slabs are rising in sympathy, and a good business has been done at from 3*s.* 8*d.* to 3*s.* 10*d.* on spot. The exports from Japan during October were 230,432 kin, valued at 386,416 yen. During the ten months ending October they were:

	1915	1916	1917
Kin	3,157,410	4,494,950	2,777,854
Yen	2,826,358	4,467,612	4,759,103

The destinations were as follows:

	1915 Kin	1916 Kin	1917 Kin
British India ...	1,056,813	1,208,043	910,941
Asiatic Russia ...	218,841	446,904	65,283
Great Britain ...	299,901	626,586	88,812
France	484,943	319,382	66,618
United States ...	798,184	1,685,477	1,441,984
Australia	150,208	92,597	77,999
Other countries ...	148,520	115,961	126,217
	3,157,410	4,494,950	2,777,854

CAMPHOR OIL.—There does not appear to be any c.i.f. offers obtainable, so that it is anticipated the higher rates asked on spot will shortly be paid.

CANARY-SEED continues to advance, with sales at 162*s.* 6*d.* to 167*s.* 6*d.* per quarter for fair to good Morocco, and higher prices are now required.

CINNAMON.—Sales of Ceylon assortment arrived have been made at 2*s.* per lb., c.i.f. terms.

CITRIC ACID is quoted at from 3*s.* 2*d.* to 3*s.* 2½*d.* per lb. on spot.

CLOVES are quiet but firm, with sellers of fair Zanzibar at 1*s.* 9*d.* on the spot.

COCOA-BUTTER.—At auction 50 cases Rowntree's sold at from 1*s.* 8½*d.* to 1*s.* 8½*d.*, and 50 cases Fry's at 1*s.* 8¾*d.* Privately sales have been made to consumers from first-hands at 1*s.* 6*d.* per lb.

COPPER SULPHATE.—There has recently been a fair business done for agricultural purposes on the basis of the lower prices, which are 48*l.* per ton for January-February, 50*l.* for March-April, and 52*l.* for dates later in the year. Export price is 67*l.* 10*s.* f.o.b. Liverpool, but there is little doing.

CORIANDER-SEED is quiet at 80*s.* to 82*s.* 6*d.* per cwt. for Morocco, 57*s.* 6*d.* for East Indian, and 75*s.* for Russian.

COUMARIN.—Spot sales have been made at 170*s.* per lb. net.

CREAM OF TARTAR is selling at a further advance of 5*s.* per cwt., up to 375*s.* per cwt. having been paid for 98 to 99 per cent. powdered.

CUMIN-SEED is unchanged at 67*s.* 6*d.* per cwt. for good sifted Morocco, with little business doing.

DILL-SEED is quoted 55*s.* to 57*s.* 6*d.* per cwt., net terms, but there is not much business passing.

FENNEL-SEED is quoted 57*s.* 6*d.* per cwt. for East Indian.

FENUGREEK-SEED is offering at 45*s.* per cwt. for fair Morocco.

FORMALDEHYDE is unchanged, but very little is coming forward from the United States, and when the demand sets in presently the position may become acute. The high prices asked and the difficulty of effecting shipment has deterred merchants from importing.

GINGER.—Small sales of common to good common Jamaica have been made at from 85*s.* to 92*s.* 6*d.* and medium to good at 100*s.* to 105*s.*, also washed Cochin at 70*s.*

GUM ACACIA is quiet, with Kordofan sorts on the spot offering at 90*s.* per cwt.; arrivals of fair-sized quantities have taken place.

HEXAMINE is firmer at from 6*s.* to 6*s.* 3*d.* per lb. on the spot, but some firms are asking higher prices, which are not justified as yet.

HYDROQUINONE is scarce and rather dearer, some holders asking 14*s.* 6*d.* on the spot, from 12*s.* 6*d.* to 13*s.* being quoted for prompt shipment from U.S.A.

HYPOPHOSPHITES.—Makers have advanced their prices by 6*d.* per lb., and now quote potash at 6*s.* 3*d.*, soda at 3*s.* 10*d.*, and lime at 3*s.* 7*d.* per lb. net, with the usual reduction for 1-cwt. and 2½-cwt. lots. Hypophosphites have been very scarce for some time past, and second-hand holders who have been able to get delivery off contract were obtaining a slight premium on makers' prices.

IPECACUANHA is quiet, with sellers of Matto Grosso at 11*s.* 6*d.* per lb. on spot.

LEMON OIL.—The undertone continues easy, with offers from Sicily at 3*s.* 6*d.* per lb. c.i.f., and slightly less in some instances. Spot supplies are obtainable at from 3*s.* 9*d.* to 3*s.* 10*d.* per lb.

LIQUORICE-JUICE.—Italian or Spanish block of genuine quality can be had in single cases at about 350*s.* per cwt., and rather less for quantity.

LIQUORICE-ROOT.—Good cut decorticated is offered at about 125*s.* per cwt. on the spot.

MENTHOL remains lifeless, with sellers of Kobayashi-Suzuki at 12*s.* 9*d.* per lb. on the spot. To arrive from Japan 13*s.* 9*d.* c.i.f. is quoted, and *oil* at 3*s.* 7½*d.* c.i.f. The exports from Japan during October amounted to 30,443 kin, valued at 189,646 yen. During the ten months ended October 31 the exports were as follows:

	1915	1916	1917
Kin	267,918	336,994	221,838
Yen	1,477,632	2,077,080	1,417,424

The destinations were as follows:

	1915 Kin	1916 Kin	1917 Kin
British India	19,765	17,861	10,784
Great Britain	49,862	119,661	49,260
France	40,186	69,183	2,722
United States	134,128	119,295	144,116
Other countries ...	23,977	10,994	14,956
	267,918	336,994	221,838

METHYL SALICYLATE has been in rather better demand of late, and sales have been made at 4*s.* 6*d.* per lb. net. Shipments have fallen off, while the home production is insufficient to supply the demand.

METHYL SULPHONAL is worth 72*s.* 6*d.* per lb. net on the spot.

MINT OIL.—Spot sales have been made at the easier rate of 3*s.* 3*d.* per lb. for Japanese dementholised. The exports from Japan during October amounted to 25,134 kin, valued at 52,621 yen. During the ten months ended October the exports were as follows:

	1915	1916	1917
Kin	295,802	334,669	193,624
Yen	596,835	779,444	440,139

OPIUM remains extremely quiet, with 10 per cent. Persian offering at from 62*s.* to 63*s.* per lb. on the spot.

POTASH IODIDE.—The exports from Japan during October amounted to 12,075 kin, valued at 81,917 yen. During the ten months ended October the exports were as follows:

	1915	1916	1917
Kin	111,059	140,985	124,445
Yen	834,679	1,022,536	761,961

Of *crude iodine* the exports in October were 2,753 kin, valued at 20,064 yen, and for the ten months they were:

	1915	1916	1917
Kin	3,551	1,701	28,348
Yen	24,684	10,362	197,293

PHENACETIN.—The demand is sustained, with sellers of limited lots at from 32*s.* 6*d.* to 35*s.* per lb. net, as to quantity. Shipments from the U.S.A. come to hand slowly.

Arrivals of about 70 cases have taken place, but they are not for re-sale.

Quinine.—The Dutch makers feel the inconvenience in the shortage of bark, otherwise larger quantities of quinine would be available for this market. The principal agents for the Dutch quinine-makers hope to get fresh offers of limited quantities early in February. In second-hands small lots are quoted at from 3*s.* 4*d.* to 3*s.* 5*d.* per oz.

Saccharin.—The increased production in the United States appears to be causing prices to crumble rapidly, as we hear this week of very cheap offers being made from that source, which, however, do not find much acceptance here. The English production is a little more visible, Spot prices of imported saccharin are very irregular, and a matter of negotiation. Reasonable bids would be considered, as holders are desirous of reducing their stocks.

Salicylates.—As the English production of *sodium salicylate* is still very small consumers have mainly to rely upon imports from the U.S.A. for their supplies. Shipments from that quarter have, however, fallen off considerably, and there is, of course, a large demand by the U.S. Government to be reckoned with. Soda, therefore, at about 7*s.* on the spot does not appear to be dear. *Salicylic acid,* on the other hand, is at a quiet period, and the production is exceeding the demand, with the result that prices have sagged to about 5*s.* 9*d.* to 6*s.* per lb., and slightly less for quantity.

Salol is firmer at from 9*s.* 9*d.* to 10*s.* per lb. net on the spot.

Shellac has been very quiet but firm, with spot sales of usual standard TN Orange at 380*s.* per cwt. and fine Orange at 450*s.*

Starch-powder is only obtainable in small lots, the value of American being 82*s.*, and *rice-powder* 66*s.* per cwt. Glucose is unobtainable in the open market.

Tartaric Acid is firmer, with some holders asking 3*s.* 4*d.* per lb., but it is possible to buy at slightly less.

Turpentine.—The chief object of the official Order issued (see p. 33) under the Defence of the Realm Act is doubtless to husband the resources, including turpentine substitutes such as mineral turpentine, white spirit, white oil, or any other product of petroleum of any shape or form (except motor-spirit and benzine) capable of being utilised as substitutes. Purchases or sales of such material covered by this Order cannot now be made except in accordance with the licence to be applied for and issued by the Ministry of Munitions, the Admiralty, or the Army Council. The Order provides that no such licence shall be required by any person for quantities not exceeding in all 5 gals. in any calendar month. While this will tend to prevent the hoarding of supplies in speculative hands, smaller users may be assisted in the purchase of retail lots. The market has become rather nominal at 125*s.* 6*d.*, but there is not much prospect of any relaxation of the severe stringency which has prevailed for some time past, chiefly because of the chronic scarcity of freight. Consumption is relatively small, but owing to the ridiculously small imports for months past stocks are diminishing, and now absolutely under control. Government needs, of course, are receiving primary attention. Our imports during 1917 amounted to only 221,192 cwt., against 430,180 cwt. and 529,517 cwt. respectively in the two previous years.

Wax, Vegetable.—Sellers of Japanese on spot quote 97*s.* 6*d.* per cwt.

Russian Chemical Market.

The following notes refer to the Odessa market under date of October 1, 1917: Prices are advancing continuously, as importation from foreign countries has come to a complete standstill. Russian firms who have bought large quantities of produce are unable to obtain delivery, and the stocks of drugs and chemicals are extremely small. Cocaine, codeine, etc., are selling at very high prices. Cocaine on October 1 was quoted at r.6,000, codeine at r.3,000, and antipyrin at r.325 per kilo. Other quotations (per pood) at the same period were: Borax, cryst., r.40; alum, r.25; potash, r.25; sodium bicarb., from r.30 to r.32; caustic soda, for soap-making, r.50; salammoniac, powdered, r.35; arsenic, white, r.60; sulphur, r.18; white lead, r.42; hydrochloric acid, r.15 to r.16; sulphuric acid, r.13.50; coconut oil, r.275; paraffin, r.160; stearine, r.205; glycerin, r.250; Russian turpentine oil, r.36; pure turpentine oil, r.45; tartaric acid, r.220; citric acid, r.250; and acetic acid, r.120.

Quicksilver.

A large increase in quicksilver production is announced by the United States Geological Survey, which places the 1917 domestic output at 36,351 flasks, exceeding the 1916 output by 6,419 flasks, and being the highest since 1883. Recently it was reported from some quarters of the drug-trade that the United States was about to commandeer quicksilver. This report still lacks official confirmation, but prices for mercury are working higher, as agents have only limited supplies on hand. The official price remains at $115 per flask of 75 lb., but in outside hands $140 per flask is asked. Conditions of transportation from the West of late have been such as to hold up arrivals of quicksilver, particularly from California. No supplies are being received from abroad, as most of the cinnabar produced in Italy and Spain is taken by the Allies. There is a well-defined notion in leading chemical circles that higher prices will be named on all mercurial preparations owing to the situation in quicksilver. The recent bombarding of the Austrian village of Idria by the Italians (says the "New York Commercial") induces the following comment in that paper:

"Until very recent times, when rich deposits of mercury-bearing ore were discovered in the Western States, the mines of Idria and of the even richer Almaden mine of Spain produced practically all the quicksilver of commerce. Even to-day, or at least up to the time of the outbreak of the world-war, Idria produced more than 500 tons of quicksilver every year—from one-sixth to one-eighth of the world's annual output. The quicksilver mines of Idria used to attract many tourists every season, even though an inspection of the work necessitated an eight-hour (round trip) journey by diligence from Loitsch, a village twenty-two miles by rail south-west of Laibach. In peace times 1,200 men are employed in the works, which are situated on the right bank of the River Idria, about half a mile from the centre of the village. The cinnabar is of unusual richness, yielding 6 per cent. quicksilver. About 40 tons of the annual output is converted into vermilion in Idria, thus constituting a subsidiary industry."

Arrivals of Chemicals, Drugs, etc.

The following arrivals have taken place at the Ports of London and Liverpool:

To London
(Jan. 19 to 25).

Acetic acid, 60 cbys.
Aloes, 250 cs.
Antimony, reg., 171 tons 20 cs.
Antipyrin, 6 cs.
Araroba, 25 cs.
Argol, 1,830 bgs.; wine-lees, 1,565 bgs.
Arsenic, 1,873 cwt.
Arsenious oxide, crude, 4,780 cwt.
Balsam peru, 10 cs.
Balsams, 5 cs.
Bronze-powder, 19 cs.
Camphor, 50 cs.
Cantharides, 160 cs.
Casein, 10,257*l.*
Chalk, French, 20*l.*
Chemical prod., unrated, 2 kgs. 75 cks. 9 cs. 42 pkgs.
Chloral hydrate, 2 cs.
Cinchona, 46 bls.
Dental goods, 799*l.*
Dog-grass-root, 90*l.*
Drugs, unrated, 263 pkgs. 13 bgs. 20 bls. and 44*l.*
Dyestuffs, tanning materials, etc., 123 pkgs.; indigo, 62 cs.; myrabolans, 400 bls. 4,360 pkgs.; tanners' bark, 227 tons
Eucalyptol, 10 cs.
Galls, 678*l.*
Gelatin, 502*l.*
Gums (cwt.): acacia, 18,314; acroides (grass-tree), 1,542; red-gum eucalypt., 10 cs.; sandarac, 499
Heliotropine, 5 cs.
Hydroquinone, 3 cs.
Lanoline, 119*l.*
Lithopone, 617 cks.
Menthol, 10 cs.
Methylsalicylate, 16 cs.
Nuts and kernels: copra, 500 cwt..
Nux-vomica, 933 bgs.
Oils, essential: 108 cs. 17 drms.; anise oil, star, 530 cs.; cedar-wood, 81*l.*; eucalyptus, 166 cs.; synthetic, 86 cs. 4 bls.
Oils, fixed: cocoanut, unref., 29,217 cs. 14 hds. 403 pps.: cod liver, 21 drms.; fish, 1,800 cs.: palm, unref., 50 cks.; rape, 3,850 cs.; turpentine, 500 brls.
Opium, 12 cs.
Orris, 8 bgs.
Perfumery (mostly raw materials), 2,635*l.*
Phenacetin, 71 cs.
Potash sulphoguaic., 6 cs.
Pyrogallic acid, 3 cs.
Quinine, 92,000 oz.
Safrol, 3 drms.
Seeds (bags): annatto, 2; canary, 6,328 bgs. 155 sks.; castor, 16,800; coriander, 156; cotton, 818 tons 1,365 bgs.; cumin, 969; dill, 340; fenugreek, 6,055; lin., 16,888; rape, 17,277; sunflower, 1,475
Soda, unrated, 3 cwt.
Sponge, 358 bls.
Starches (cwt.): farina, 40; potato flour, 1,200; rice, 1,000
Tallow, 466 cwt.
Tartaric acid, 24 pkgs.
Theobromine, 7 cs.
Thorium nit., 15,459*l.*; cerium nit., 155*l.*
Turmeric, 79 bls.
Waxes, not described, 100 pkgs. 45 cs. 217 bgs.
Wax, paraffin, 3,238 cwt.
Vanilla, 51 cs.
Vanillin, 3 cs.
Zinc oxide, 685 cks. 1,600 brls.

To Liverpool
(Jan. 21 to 26).

Acetanilide, 5 brls.
Araroba, 20 pkgs.
Bromides: sodium, 120 cs.
Calcium carbide, 3,000 drms.
Camphor, 25 cs.
Cardamoms, 59 chts.
Celluloid, 901*l.*
Chemicals, unrated, 181 cs. and kgs. 30 brls.
Cinchona, 207 sks.
Dental goods, 1,313*l.*
Drugs, unrated, 500 cs. 2 pkgs. 73 bls. 20 bgs.
Dyestuffs, tanning materials, etc.: chestnut ext., 3,407 cks.; cutch, 1,000 bxs.; fustic ext., 50 brls.; gambier, 231 bgs.; logwood ext., 172 cks.; myrabolans, 4,949 pockets; tanning bark, 815 bls.; tanning ext., 535 cks.; wattle-bark, 5,151 bls.
Gelatin, 1,125*l.*
Glycerin, 88*l.*
Gum acacia, 21 pkgs.
Gum almedina, 146 bgs.
Heliotropine, 8 cs.
Lithopone, 308 brls.
Magnesia, 179 pkgs.
Menthol, 20 cs.
Nuts and kernels (bgs.): copra, 168; ground-nuts, 68,327; palm kernels, 38,819 bgs. and 127 tons
Oils, essential, 85 cs. 6 pots 7 drms.; anise, 20 cs.; cinnamon leaf, 20 cs.; citronella, 3 drms.; peppermint, 20 cs.
Oils, fixed: fish, 1,350 cs.; ground-nut, 77 cs.; palm, 994 cks. 34 brls. 2 pns.; shark, 1,300 cs.; sperm, 300 cs.
Quince-seed, 5 bgs.
Resin, 45 cks. 308 brls.
Sarsaparilla, 6 bls.
Seeds: anise, 100 cs.; coriander, 740 bgs.; cotton, 2,000 tons 896 bgs.; lin., 3,332 bgs.; rape, 596 bgs.
Soda silicate, 5 brls.
Starches, 3,457 bgs.; farina, 4,853 bgs.
Talc-powder, 3,010 bgs.
Tallow, 140 cks.
Tartaric acid, 8 cks. 136 kgs.
Vanilla, 6 cs.
Wax, bees', 80 bgs.
Wax, paraffin, 2,189 bgs.
Wax, vegetable, 340 cs

Correspondence

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Insurance Dispensing Difficulties.

Sir,—With reference to Mr. Humphrey's letter (*C. & D.*, January 26, p. 50), I would like to point out that chemists on the London panel have been duly notified of the local agreement that the alternative formulæ contained in the B.P.C. Addendum (W.E.F.) must be supplied in place of the preparations deleted from the B.P. With regard to Insurance prescriptions ordering glycerin or syrup as a component part of a mixture, etc., London panel chemists should not make use of the suggestion made by Mr. Humphrey. While his opinion may be helpful for some areas of the country, it is essential for London chemists to follow closely any official instructions received regarding these substances. Yours faithfully,

W. E. D. Shirtliff,
President Western Pharmaceutical Association.

Sir,—The article upon methylated preparations (*C. & D.*, January 26, p. 44) dealing with Insurance dispensing difficulties, finishes with the injunction to take care, before the scripts are despatched to the pricing office, to see that the letters "B.P." appear on the prescription after the names of the preparations prescribed. It is possible that more may be read into this paragraph than is permissible, and I therefore hasten to ask you to point out that in Essex no alterations or additions can be made upon prescriptions by other than the medical man prescribing. In cases of doubt or ambiguity the doctor should be referred to, but, if that course cannot be carried out, details of what has been supplied should be attached to the prescription. Trouble follows any other course adopted. Please note that I am speaking for Essex only. Yours truly,

C. Goode.
Secretary, Essex County Pharmaceutical Committee.

Recruiting in Ireland.

Sir,—A somewhat important question arises as to the influence of the interpretation and enforcement of the Irish Pharmacy Acts on recruiting in Ireland. Let me state my position in the matter. In the earlier days of the war I, like several other Irish pharmaceutical chemists, joined the R.A.M.C. Before I left Dublin I was appointed a member of the Recruiting Committee and Deputy-Director of Recruiting for one of the Dublin areas. In this capacity I had not only to address recruiting meetings but also to give advice on such questions of difficulty as arose. One of these questions was the position in which pharmaceutical chemists, druggists, and apothecaries—owners or managers of chemists' businesses—would find themselves if they joined the Army—that is to say, whether they would be liable to the penalties of the Pharmacy Act for not personally managing the businesses they left. I was given to understand by the military authorities that no interference with any person who wanted to join the ranks would be tolerated, and that if any effort were made to induce a person to remain at home on the plea that otherwise he would render himself liable to action under the Pharmacy Acts, such attempt, though under the colour of an attempt to enforce the law, would be regarded as interfering with recruiting, and would be treated as an offence under the Defence of the Realm Act. I understand that in such cases the Attorney-General is called in to intervene if in the judgment of the military authorities a prosecution is vexatiously or undesirably undertaken. Almost all the chemists whose assistants have joined the ranks have agreed to keep their places open for them. It is manifest that they could not do so if the letter of the Pharmacy Act were to be enforced now, and they would be compelled to ask their assistants to return. As my activities in relation to recruiting were no part of my ordinary military duties, but purely voluntary, I have a right to address myself directly to the military and legal authorities concerned, and to insist that any promises made shall be carried out. I have been away in the Mediterranean and in France and Italy for the past couple of years, and therefore am rather out of touch with Irish pharmacy at the moment, but I am informed that a Chemists' Assistants' Association has been recently started, and that this Society has been goading the Pharmaceutical Society into action. Any Society formed to improve the financial or social well-being of the members of a craft must be considered as desirable, but I am informed that some at least of the authorities connected with recruiting are unfavourably impressed with the fact that this Association has been started since the war began, and consider that 90 per cent. of its members, men and women, should be in the ranks or the W.A.A.C. I understand that a very watchful eye will be kept as to whether it will do anything to hinder recruiting in Ireland, about which considerable hopes are held. I am naturally anxious that the authorities should keep good faith towards those chemists or assistants who have been induced to join, and in this connection it is pointed out to me that although it is a definite offence under the Medical Acts for an unqualified person to call himself "surgeon," the authorities, finding a scarcity of qualified surgeons, have taken a number of young students of a couple of years' experience—who cannot possibly get on the Medical Register for the next three years—insist on them calling themselves probationary "surgeons," and require them to do definite skilled surgical work on their own responsibility on the smaller war-vessels. If the Medical Council were to prosecute any one of these young gentlemen for holding himself out as a "surgeon," doubtless the military authorities would deal faithfully with them. The view taken is that all such statutes as the Pharmacy Act, the Medical Acts, etc., are intended to indirectly conserve the well-being of the community, but when, through a state of war, there is question of the existence of a community they will not be suffered to interfere with military measures. I have been doing specialist sanitary duties lately, but as I am under orders for malarial work I do not know if I shall have an opportunity of replying to any query that may arise.—Yours faithfully,

J. C. McWalter.

Profits on Proprietaries.

Sir,—I have followed the correspondence on above subject, and admire the persistency with which Mr. Jackson has stuck to his guns. It would appear that we retailers are unanimous that the time for action has arrived—if not somewhat overdue. The wholesale trader must be left out of the reckoning. He is quite capable of looking after himself. To my mind the comparative profit on goods other than proprietaries "has nothing to do with the case." We must insist on face-value, and a minimum of 25 per cent. on all patents, whether P.A.T.A. or otherwise. Chemists who give window-space or other showroom to articles showing starvation profits are playing into the enemies' hands. The P.A.T.A. has done good work for our cause—all honour to the men who stepped into the breach when our organisation was in an embryonic stage—but is finding an increasing difficulty to reconcile its dual interests. Let every Association from John o' Groats to Land's End give a unanimous mandate in favour of better terms. If a small section of us can make even a Government Department "toe the line," surely a united effort can sweep aside the obstacles in our path. We are not in business for the good of our health or the benefit of millionaire manufacturers or soap magnates.

Yours truly,
Glasgow. Alexr. Macsween.

Sir,—I have been much interested in the discussion on profits on proprietaries, and would like to suggest that if a chemist is inadequately remunerated for proprietary articles it may be considered that he handles them for the convenience of his customers, to keep his trade together, and to bring fresh customers under his influence. Was not this trade in patent medicines and their system of cutting them to the bone one of the strongest planks in the foundation of the big company shops? Has it not paid them? And has it not paid many of the younger generations of chemists who have adopted the same method? Here is a case in point. One of my friends opened a shop in the centre of a large manufacturing town. He adopted company pharmacy methods; patents were cut to the "company's" prices, and such care taken to keep up stocks that even in late months he has rarely had to refuse a sale. The result is that although he does not know, and has not time to find out, his percentage of profit on patents, he knows that he has a huge turnover in which his own proprietaries bulk largely, and that his net profit from the business is considerably over a thousand a year, a result which pays him handsomely, even if, in making his business, he has had to handle lines with little or no profit. It is the contempt for and the reluctance to handle the patent-medicine trade that has driven the public to the company shops. How often does one hear the remark, "I don't mind whether I stock it or not, there is no profit in it." Just so. The customer goes where it can be got, and then the remark becomes general, "You can always get it at ——." And, getting that, they get what they require in more profitable lines.—Yours very truly.

Retired Chemist. (248/34.)

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

Mr. Woolcock's Decoration.

Mr. C. Breese, Streatham, referring to the honour that has been conferred on Mr. W. J. Uglow Woolcock, suggests that it emphasises the fact that side-lines pay best in pharmaceutical politics, as in retail business.

Frozen Show-carboys.

"During last week's severe weather (we had 37° frost) one of my pair of window-carboys froze almost solid. The stopper was locked but empty, and acted as a safety-valve, the unfrozen fluid rising almost to the top of it. Never since '62 has this happened before, although we have had frost quite as severe. Three days' careful nursing managed to get the carboy thawed, and saved it."—*J. M. Anderson, Denny.*

Jay Macksims
(as he writes them).

1. Day continuation schools are not possible for the retailer, whose girls are his chief and only assistants.
2. All retail trades and co-ops., even long before the war, were short of men in industrial towns.
3. Young people who stay at school until sixteen or seventeen and are exempt from continuation schools will not ever again in our time take to retailing.
4. The grocers have tried scholarship examination prizes of shops worth 500*l.* with no great result.
5. The national need is for better general education to replace the mis-education muddle of to-day.
6. Therefore night schools after 7 P.M. or postal tuition for special druggist subjects is the only way.

Coconut-shells for Beverage-purposes.

A Birmingham Correspondent (241/81) writes: "Mr. H. Corbett Meyrick, in the *C. & D.*, January 26, p. 51, supplies an interesting note to which the following may be considered supplemental. There is a confusion among the public as to what shells are meant to be used for beverage-purposes. The shells are not those from *Cocos nucifera*, but, as Mr. Meyrick states, from *Theobroma Cacao*. This seed provides Birmingham with an important industry, employing many thousands of people, and for many years the husks have been ground and supplied to the peasants of Western Ireland for use as a beverage, for which purpose the powder answers very well. The suggestion was first made to Messrs. Cadbury by one of their travellers, who covered that part of the Emerald Isle in which Mr. Balfour took such a great interest when he was Irish Secretary many years ago."

Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on page 353.

G. C. A. (231/5).—There is no law that we are aware of prohibiting the place-name you mention being employed to indicate a pharmacy.

W. V. B. (224/41).—A Registered Druggist in Ireland can sell poisons, but may not compound prescriptions for human beings. He may sell proprietary mixtures containing poisons.

National (242/3).—Health Insurance.—Persons earning less than 160*l.* a year must insure under the National Insurance Act unless they have a pension or income of 26*l.* or upwards not dependent upon their own exertions.

Salopian (198/28).—The poison schedule entry referring to carbolic acid distinctly states "liquid preparations," so that a powder containing phenol for preparing a lotion does not come within the definition of the entry in Part II. of the Poison Schedule.

Sigma (182/37).—An Agency Question.—"Sigma" wishes to know whether a limited company can lawfully receive prescriptions or orders for drugs containing poison at one of its branches, which is under unqualified management, for the purpose of handing them to another branch to be dispensed. [The only case bearing on this question is that of the Pharmaceutical Society *v.* White, in which it was decided that an agent for the manufacture of an arsenical weed-killer was not in that case the seller within the meaning of Section 15 of the Pharmacy Act, 1868. We do not think, however, that on the strength of this decision a branch can act as agent for another branch of the same limited company in the manner suggested in the inquiry.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

J. H. L. (230/55).—The question as to the dose intended by the medical man in the prescription you send could only be settled with certainty by a reference to the writer. If dispensed as written the dose is not excessive.

A. E. M. (233/73).—(1) Insect-pests.—The most complete collection of recipes that has so far been published dealing with the destruction of insect-pests in agriculture and horticulture is that printed in *The Chemist and Druggist Diary*, 1910. (2) Scales' "Practical Microscopy" (Baillière, 5*s.*) has a good chapter on microscopical technique, including section-cutting.

Desideratum (193/5).—Obtaining a Patent.—It is hardly likely that the use of gas as a cure for a disease would be granted the protection of a patent, but without knowing the nature of the invention it is not possible to give a definite reply. The various gases are dealt with in books on chemistry.

W. O. M. (225/55).—(1) We are unable to give you the process of obtaining a silky appearance in skin-cream. You can obtain a passable silkiness by incorporating at the final stage a little castor oil, but this does not give a result equal to some of the samples on the market. (2) In our opinion there is very little advantage in adding hydrogen peroxide to a face-cream, as decomposition of that unstable chemical takes place rapidly. (3) A non-alcoholic inhalation for cold in the head is best made by adding some magnesia to the essential oils and triturating with water. Made in this way the oils are readily distributed through the liquid.

B. H. & Co. (210/11).—Books on Alkaloids.—Henry's "Plant Alkaloids" (Churchill, 18*s.*); also the articles on vegetable alkaloids in Vols. VI. and VII. of Allen's "Commercial Organic Analysis" (Churchill, 21*s.* each).

Dalir (238/5).—(1) Splint-waterproofing Solution.—We do not think the formula has been published for the solution employed in making papier-mâché splints. It is understood to be a celluloid solution, but possibly as the solvents for celluloid are difficult to procure at present you may find a solution of shellac in borax solution answer the purpose. (2) Liquid Soap for Motorists.—See *C. & D.*, January 15, 1916, p. 64.

C. & S. (227/7).—Mistura Acidi Composita (Guy's Hospital):

Tinct. nuc. vom.	♏x.
Tinct. gent. co.	ʒj.
Mist. ac. nitro-hydrochlor. ad ...	℥j.

The last-named ingredient is made as follows:

Ac. nitro-hydrochloric. dil. ...	♏x.
Syr. simp.	ʒj
Aq. ad	℥j.

C. & R. (240/7).—Horse Poultice.—This has a kaolin basis, and is made from such a formula as that given in the *C. & D.*, December 29, p. 52, except that in your sample eucalyptus oil is present. The main things are the kaolin and glycerin. We think it is because of the scarcity of the last-mentioned ingredient that the makers were unable to supply you with the preparation.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Jan. 15, 1868.

A Chemical Dictionary.

We want a chemical dictionary, more especially for the use of counter chemist—allowing such term to embrace alike both principal, assistant, and apprentice. Those elaborate and excellent works by Ure, Watts, and others do not supply the want which I wish to indicate,—something more concise and "ready-at-hand" being greatly needed. And it should be purely a "Dictionary"—a glossary of chemical terms, adapted to the present advanced position of the science, appending their lingual derivatives and symbolic representatives. . . . Surely in the able hands (singly or otherwise) of such men as Attfield Brady Brough, Carteighe, Draper, Ince, and of many others, the work would be accounted but as a pleasant pastime.

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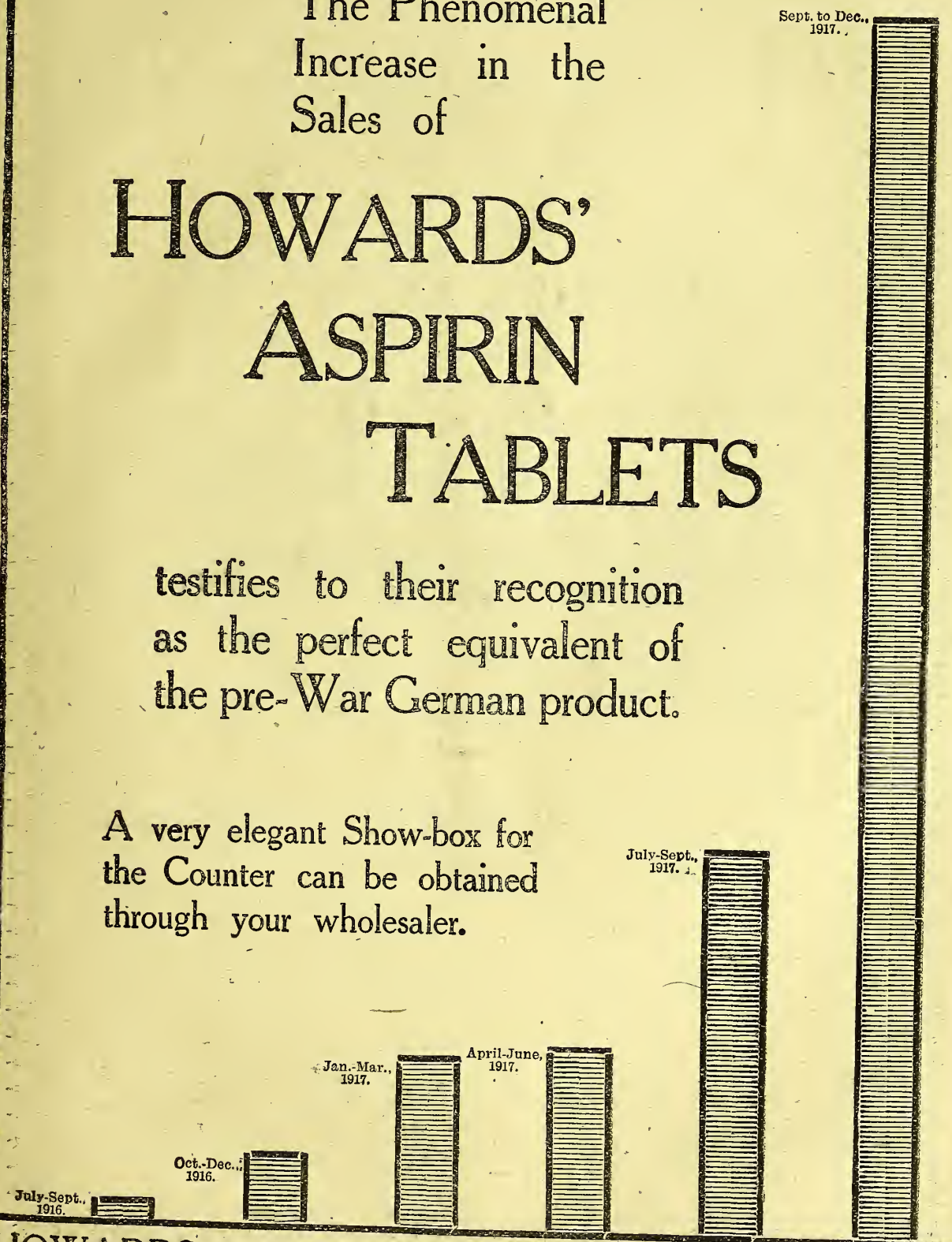

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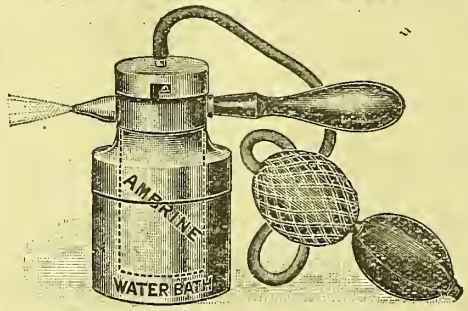

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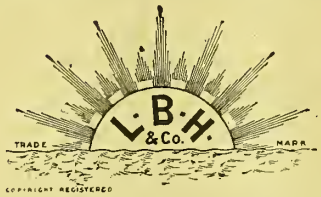

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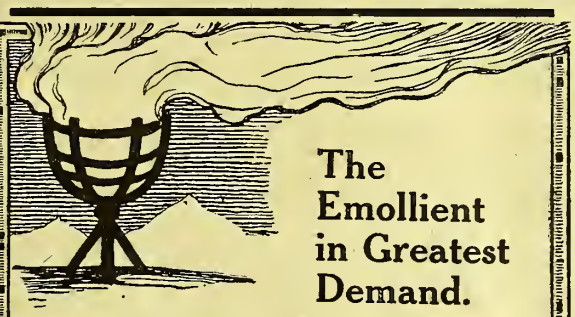

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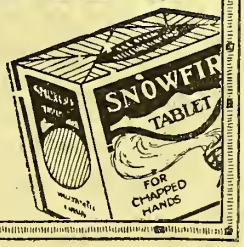

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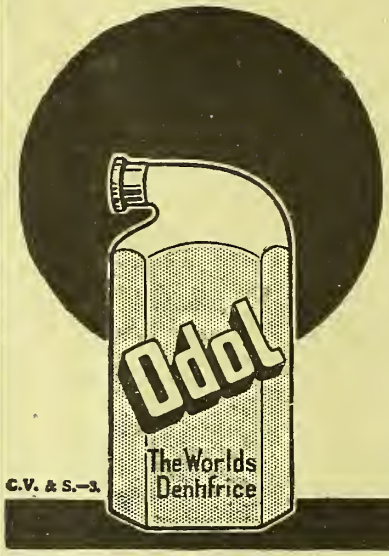

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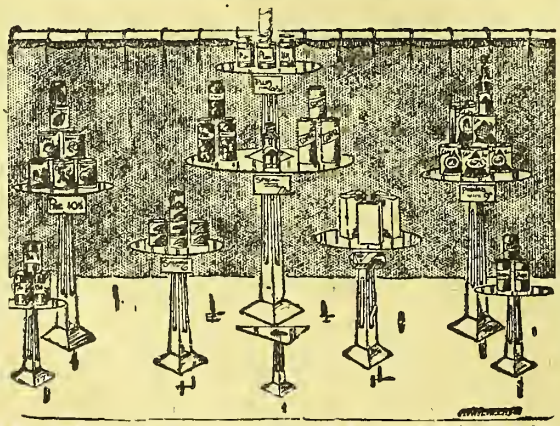

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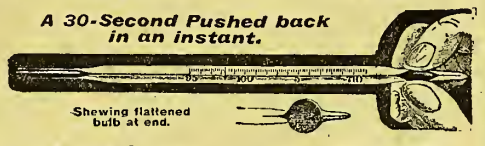

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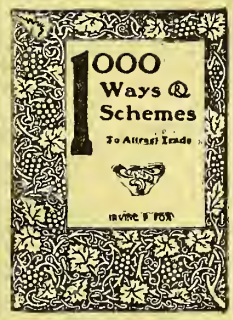

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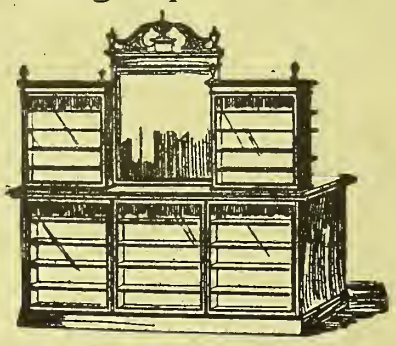

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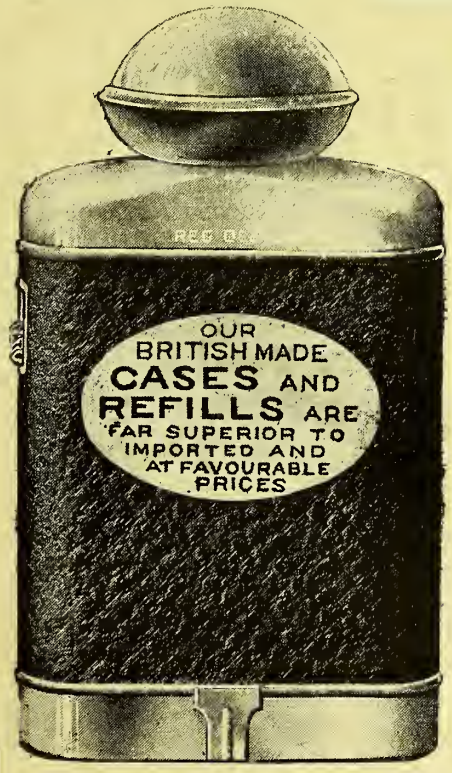

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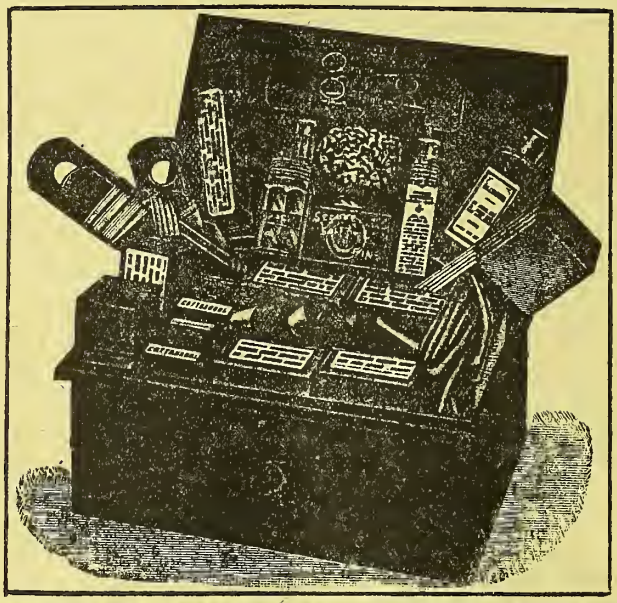

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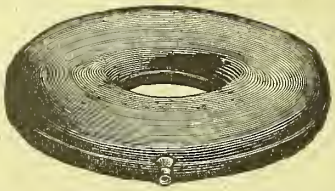

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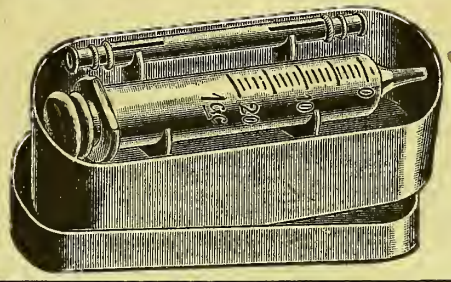

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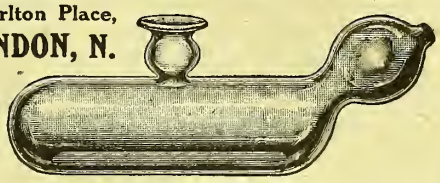

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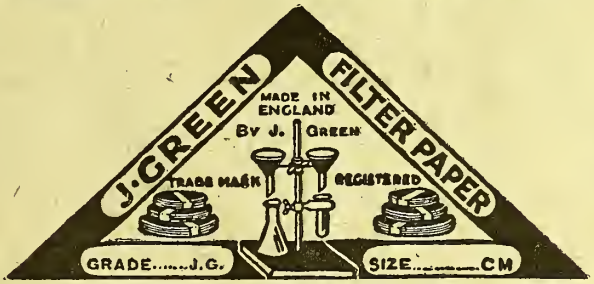

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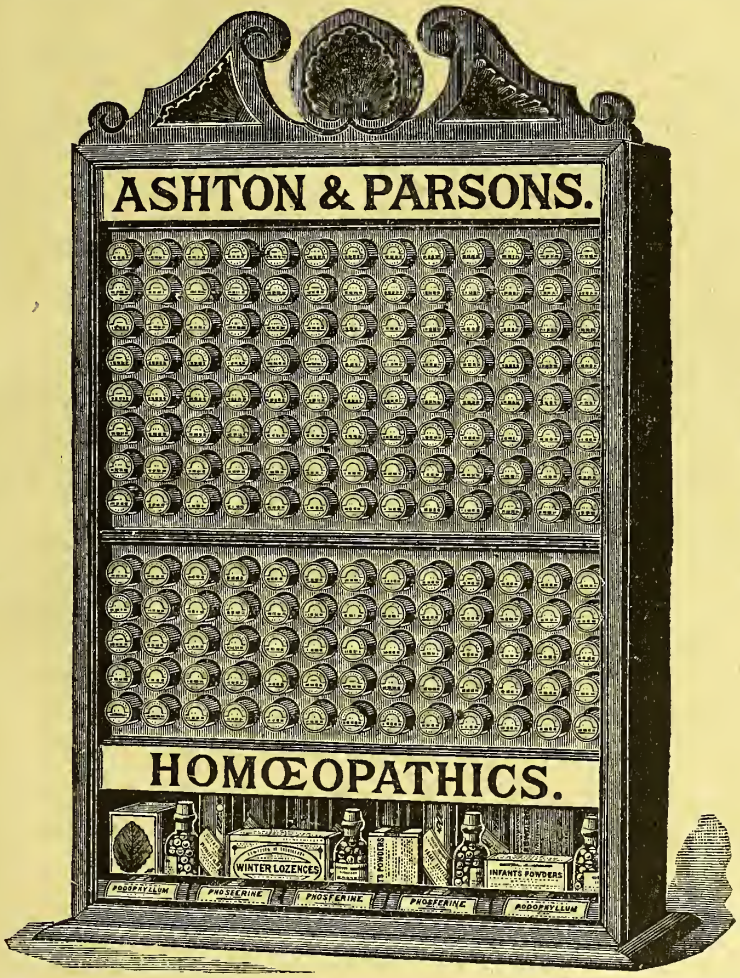

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ZEE-KOL News

Published in the Interests of the Chemist and the Public he serves.

THE CHEMISTS' PROBLEM

is like that of the Dentist. About 999 out of every 1000 persons visit the latter under more or less painful compulsion. He is the most successful Chemist or Dentist who can induce the Public to visit him without compulsion.

The most successful Chemists and Dentists attract the bulk of their patronage by "Service." The Chemist who obliges with a postage stamp has the right idea, especially if he renders this small and seemingly unprofitable service with a right good will that places the visitor under a pleasing obligation.

How is it that some Chemists sell 3 dozen tins of Zee-Kol Skin Ointment where others sell none, or only a solitary tin?

Which is the more profitable—the none, or one, or the 3 dozen?

The "Service Idea" Chemist makes more sales and profits because he makes it his pleasure and profit to know the merits of the articles he can offer to the Public.

The "other" Chemist hands over just what he is asked for, like an automatic machine, and perhaps with a bad grace, or a disparaging or negative remark. If he is asked: "What is good for Eczema?" he places all the different articles he has in stock before his bewildered enquirer with some such remark as: "Oh! they are all much alike." Or, if he has a put-up preparation of his own—the only proprietarial portion of which is his own name printed on the label—"free with a gross order"—he is content to sell it without any real knowledge of its merits or demerits.

INVITATION OFFER TO CHEMISTS!

The Zee-Kol Mfg. Co. know well the superior merits of Zee-Kol. They know that many Chemists do not know what they know, so they will gladly send *a 1/3 tin free of charge for trial purposes.*

The Chemist accepting this offer need not assume any personal responsibility. He can either sell or give it to some poor person with the non-committal explanation of: "I have had this sent to me as a Free Trial Supply. You are welcome to try it free. If it proves as good as the makers say, both you and I will be pleased. I shall be pleased because I can then recommend it to other sufferers in need of a really good Skin Cure."

LOOK AT ALL THESE CHANCES OF SALES OF ZEE-KOL.

Think of the wide field of sales of Zee-Kol to persons suffering from all the following skin troubles:

PIMPLES	PEELING OF SKIN	PILES
BLACKHEADS	HERPES	ABSCESSES
RASHES	CORNS	CHAPPED HANDS
CUTS	SORE BREASTS	DISCHARGING PARTS
BURNS	SORE THROAT	ITCHING
SCALDS	ECZEMA	SORES OF ALL KINDS
CHILBLAINS	ERUPTIONS	DANDRUFF
RINGWORM	BOILS	BED SORES
BARBER'S RASH	ULCERS	ERYSIPELAS
NETTLE RASH	CARBUNCLES	SORE FEET
VARICOSE VEINS	BAD LEGS	

All these are relieved or cured by the application of Zee-Kol, and your recommendation of this medically approved scientific preparation will add to your personal and business goodwill and profit with the public.

YOU CAN ORDER ANY QUANTITY of Zee-Kol from your Wholesale House, or direct. No delay, no fuss or bother. Include a ¼, ½, or 1 dozen order on your next wholesale requisition. But that's not quite all. First show and mention Zee-Kol where and when you can.

YOU WILL GET REPEAT AND NEW RECOMMENDED ORDERS

if you will carry out the foregoing suggestions. Thus you can easily build up a nice ever-growing sale for Zee-Kol, and so increase your sale and profits, and

THE PROFIT IS ALL RIGHT.

The 1/3 tins of Zee-Kol are supplied through your Wholesaler at 12/- per dozen, and the 3/- tins at 28/6 per doz. rate. The tins are not heavy if you pay carriage on your parcels, nor are they so large as to be an item of consideration if your shop is heavily rented, and

Each Zee-Kol customer comes again and again and recommends other customers.

THE FOLLOWING WHOLESALE HOUSES SUPPLY ZEE-KOL,

but you can order it through any other Wholesale House not mentioned in this list:

Sangers, London	Ayrton, Saunders & Co., Liverpool
May, Roberts & Co., Ltd., London	Bleasdale, Ltd., York
Butler & Crispe, London	Raimes & Co., York
Wm. Edwards & Son, London	Evans, Gadd & Co., Ltd., Exeter
Barclay & Sons, Ltd., London	Raimes, Clarke & Co., Edinburgh
W. Sutton & Co., London	W. & R. Hatrick & Co., Glasgow
Francis Newbery & Sons, London	W. Patterson & Son, Aberdeen
Jas. Woolley, Sons & Co., Ltd., Manchester	Thomas McMullan & Co., Belfast
Evans Sons Lescher & Webb, Ltd., Liverpool	J. & J. Haslett, Belfast
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39 Mitchell Street, Old Street, London, E.C. 1.

Every tin of Zee-Kol sold leads to other sales of the Zee-Kol preparations, Zee-Kol Blood and Tonic Pills and Zee-Kol Medicated Soap.

ZEE-KOL
THE WONDER SKIN CURE

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C. SATURDAY, FEBRUARY 2, 1918

This Supplement is Inserted in every number of The Chemist and Druggist.

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Telephone Number: City 2283

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10.—HOME COUNTY (Market Town).—Modern Ready-money Business, situate in pleasant district; returns about £1,000; the business admits of extension; terms, valuation of stock and fixtures.

11.—WESTERN COUNTY.—Good-class Retail and Dispensing Business, situate in popular health resort; returns average over £1,200; net profit, after all expenses paid, £300; rent £55; price about £950, estimated value of stock and fixtures.

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WANTED to purchase for cash, small sound Business; W.R., South Yorks, or North Lincs preferred; neglected branch or Drug Store, capable of development, with opening for N.H.I. Dispensing, entertained; town or village; must bear full investigation. All particulars to 10/11, Office of this Paper.

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SHOP Lock-up to Let; centre of town main street Doncaster; admirably suited for Cash Drug business; one successfully carried on for half a century few yards below until lease expired, and premises required for other purposes; possession March; lease if required. J. Murphy, 67 St. Sepulchre Gate, Doncaster.

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SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

RETAIL.

BIRMINGHAM (Moseley Road).—Young lady Assistant required for Light Retail and Dispensing business. Apply "Pharmacist" (10/16), Office of this Paper.

BRAUNTON (near Ilfracombe).—Manager or Assistant wanted, with view to purchase; suit elderly or unqualified; comfortable home; easy hours; light duties; delightful neighbourhood near sea; must be capable of taking sole charge; Light Retail and some Dispensing (no heavy); salary must be moderate (or commission). Barlow, Chemist, Braunton, Devon.

BRIGHTON.—Smart Assistant for good-class Dispensing and Family trade; ineligible; must be up-to-date Window-dresser; can live over shop. Apply, with fullest particulars, age, salary, etc., Taylor & Co., Cash Chemist, 59 North Street, Brighton.

DEVON.—Wanted (at once), unqualified Assistant; ineligible; convenient house; all free; good all-round man; state age, salary, references; easy hours, half-day weekly, no Sunday duty; permanency. Stephens & Graham, Ltd., Ridgeway, Plympton.

EXETER.—Wanted (at once), reliable Assistant for Exeter. Please state age, experience, with references and salary asked, Hinton Lake & Son, Ltd., 41 High Street, Exeter.

GLOUCESTER.—Assistant required (male or female); outdoors; good-class Dispensing and Light Retail. State full particulars, with salary, to Ward & Woodman, Gloucester.

HASTINGS.—Lady Assistant required (outdoors) in high-class Dispensing and Retail Pharmacy; must have previous experience in Dispensing and Retail. Apply, stating references, experience, and salary required, to Neve & Co., Proprietor: Harold E. Skyrme, 12 Wellington Place, Hastings.

HULL.—Wanted, Assistant (outdoors); used to good-class Retail and Dispensing business. Send full particulars, age, reference, and salary required, S. T. Kirton, Chemist, 53 Savile Street, Hull.

LANCASHIRE.—Capable Assistant, with slight knowledge of Dental work preferred; salary £2 10s. and commission to commence; improving position to right man; comfortable berth in busy healthy locality; good-class trade; no N.H.I.; no Sunday duty. Usual particulars to 11/37, Office of this Paper.

LIVERPOOL.—Junior Assistant in brisk city business; 3 kept; must be ineligible or discharged. State age, height, salary (outdoors), and references (photo if convenient), John Bain, 4 Quadrant, Lime Street, Liverpool.

LONDON (Hampstead Heath).—Wanted, Junior Assistant, chiefly for Dispensing Counter (lady or gentleman); some time given for study if required. Please give details of experience and age, H. Williams, Dispensing Chemist, 31 Heath Street, Hampstead, N.W. 3.

LONDON (near).—Chemist, having a high-class business, requires capable young lady Assistant; must be a good Dispenser; permanency. "H. S." (10/120), Office of this Paper.

LONDON, N.—Unqualified Assistant required; hours 9 to 8 p.m., Saturday 9 to 9 p.m., alternate Sundays 6 to 8.30 p.m.; wages 50s. to £3, according to experience and capability. Hays, 147 Fore Street, Edmonton, N. 18.

LONDON, N.E.—Outdoor Assistant, Counter, Dispensing, etc.; unqualified. Write, stating age, experience, and salary required, Tabor & Cresswell, 138 High Street, Kingsland, E. 8.

LONDON, S.E.—Assistant required (male or female) for Dispensing and Light Retail. H. W. Neathercoat, 60 Denmark Hill, S.E. 5.

LONDON, S.E.—Lady Assistant wanted (outdoors) for quick Cash business, with knowledge of Dispensing; close Thursday 1 o'clock, no Sunday duty. State age, experience, and salary required, Brooks' Drug Stores, corner of High Street, Broadway, Deptford.

LONDON, S.W.—Young lady required for high-class Pharmacy; must be a capable Dispenser; comfortable and permanent berth. "K. R." (10/121), Office of this Paper.

LONDON, S.W. (South Kensington).—Unqualified Assistant required; outdoors; salary three guineas weekly, and reasonable hours; exempt from military service, and with good-class Dispensing experience; no N.H.I. Apply N. H. Schollar, M.P.S., Tennant's Pharmacy, 29 Sussex Place, Queen's Gate, S.W. 7.

LONDON, S.W.—Assistant wanted; ineligible; no Sunday or holiday duty; knowledge of Photography; good salary to suitable man. Apply, with full particulars, to H. S. Durbin, 19 Victoria Road, Surbiton.

LONDON, W.—Immediate vacancy; an Assistant with Dispensing experience preferred. Rouse & Co., Wigmore Street.

MANCHESTER.—Qualified Manager required for business in a working-class district; permanent berth, with a liberal interest in the profits offered. "T. S." (10/123), Office of this Paper.

MANCHESTER.—Managing Assistant (lady, or gentleman if ineligible) to take charge of branch establishment; no Dispensing or Poisons; nice Light Retail business, with easy hours, full half-day closing, and a comfortable permanency. Please send fullest particulars of experience, salary required, and when at liberty, to "Managing Assistant" (11/24), Office of this Paper.

MANCHESTER DISTRICT.—Unqualified lady Assistant (outdoors) required for good-class Retail and Dispensing business; Counter experience essential. Apply, stating usual particulars as to experience, salary, etc., to T. & W. Woodruff, Chemists, Cheadle, Cheshire.

RUGBY.—An Assistant (male or female) for Dispensing and Laboratory, with experience; good references. Chamberlain, 3 Market Place, Rugby.

SALISBURY.—Capable Assistant, either sex, mostly for Counter work. Atkins & Son, Pharmacists, Salisbury.

SHEFFIELD.—Lady Assistant (Dispensing department); hours 9 to 7, Thursdays 1, Saturday 8.30. State age, height, experience, qualification, and salary required (photo if possible), G. T. W. Newsholme, Ltd., 27 High Street, Sheffield.

SOUTHAMPTON.—Manager wanted for branch at Romsey, Hampshire. Kindly state particulars to Frost, 191 Portswood Road, Southampton.

SOUTH OF ENGLAND; Assistant required (male or female); free removal; permanency with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

TAUNTON.—Unqualified Assistant wanted, lady or gentleman, for Retail and Dispensing business. Apply, giving full particulars, to Gregory & Wrenn, Chemists, Taunton.

YORKSHIRE (West Riding).—Unqualified Assistant of good experience; must be over military age; comfortable permanency. State age, whether married, and salary required, "H. D." (10/122), Office of this Paper.

WEST RIDING, YORKS.—Wanted, a lady Assistant for good-class Store business; take charge of Dispensing and assist at Counter; short hours; state experience, references, and salary required. Apply 10/19, Office of this Paper.

A QUALIFIED Assistant required for country business; easy hours and light duties; suitable for one partially disabled, or seeking semi-retirement. Full particulars, Shearman, 17 High Street, Haverhill, Suffolk.

ASSISTANT (unqualified) wanted for Counter and N.H.I. Dispensing; a Junior would do. Apply Millar, 113 Burdett Road, Bow, E.

ASSISTANT, whole or part-time; outdoors; ineligible or Army discharged; old-established West-End Dispensing business; no N.H.I. Apply 251/37, Office of this Paper.

COMPETENT Junior Assistant required; ineligible; give full particulars, height, age, references, and salary required; enclose photo, which will be returned; good agricultural business; short hours, no Sunday duty. D. Bell Kidd, Highbridge, Somerset.

EVENINGS, London, N.W., for Dispensing and Counter, from about 6 to 8. Usual particulars to Brickell & Jones, M.P.S., F.S.M.C., 295 High Road, Brondesbury, N.W. 6.

IMMEDIATELY.—Experienced Assistant for Dispensing; must be accustomed to first-class business; outdoors; easy hours; good salary. Apply W. Ive, 115 Gloucester Road, South Kensington.

LADY Assistant wanted; some Pharmacy experience essential. Apply, stating experience and salary required, to Feltwell & Son, 90 Church Road, Barnes, London, S.W. 13.

MANAGER, with view to early succession on easy terms; London, S.E., suburb. Full particulars, salary, and reference to "R. E." (9/25), Office of this Paper.

MANAGER (qualified) wanted, male or female, for Agricultural and Dispensing business, to replace principal ordered for service. Apply, stating salary required, to Pybus, Chemist, Richmond, Yorkshire.

MANAGER for Homœopathic business; light work; house and flight found. Apply by letter, with references, to Dr. Nurrish, 152 Peckham Rye, S.E.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

QUALIFIED Assistant; lady or ineligible; light duty; country business. Apply, stating references and salary required, Gardiner, Ely, Cambs.

QUALIFIED ASSISTANT WANTED.—A fully qualified Assistant to act as Sub-Manager in one of the leading Pharmacies in the West-End; £250 per annum, and excellent prospects for future advancement. Apply "A. B." (9/29), Office of this Paper.

QUALIFIED Chemist (temporary) for a mixed business in the North of Scotland; one having a knowledge of Post Office work preferred. Apply, stating salary expected, etc., and when available, to "Chemicus" (7/27), Office of this Paper.

QUALIFIED young man, single and rejected, required immediately; permanent berth, with good prospects of advancement. State age, salary required, and when at liberty, "H. L." (10/12), Office of this Paper.

QUALIFIED Assistant wanted; outdoors. Russell Jacks, Pharmaceutical Chemist, 161 Gower Street, W.C. 1.

QUALIFIED Manager wanted for business; S.W. district; ineligible; no objection to active, elderly man; good medium-class trade; reasonable hours; state salary required; personal interview desired, or phone Putney 1512. Address Charlesworth, 780 Fulham Road, S.W.

QUIET COUNTRY VILLAGE.—To substitute C 1 man, an energetic and thoroughly competent and experienced Dispensing Assistant wanted; outdoors; alternate evening and Sunday duty, ordinary hours 8.30-7; applicant must be ineligible; duty chiefly Dispensing. State salary required and all usual particulars in first letter, 11/8, Office of this Paper.

REQUIRED, Senior Dispensers in large West-End Chemist business; hours of work 8.45 to 6 o'clock, 10 o'clock Saturdays, no late duties. Apply, stating particulars of past experience and salary required, to Box 916, Sells, Ltd., 168 Fleet Street, E.C. 4.

REQUIRED (at once) by a Doctor in a Midland town 60 miles from London, a qualified lady Dispenser; easy post. Fullest particulars *re* age, experience, references, salary required (in or out), and photo (if possible), to 8/9, Office of this Paper.

REQUIRED for country business, unqualified lady Assistant; used to Counter work and having had general experience; small knowledge of Dispensing preferable. Apply "L." (223/49), Office of this Paper.

REQUIRED, qualified Manager (outdoors) for West-End business; no N.H.I.; exceptional references required; ineligible, or over age. Reply Challice, 34 Villiers Street, Strand, W.C. 2, London, giving two references and salary required.

UNIQUE Offer.—London (West); permanency; £6 per week and commission; good prospects with small firm; the applicant must be qualified (Minor), absolutely reliable, gentlemanly and conscientious, smart appearance, good Salesman, and all-round business man; state names and addresses, and full particulars, in strict confidence, of the last 10 years' experience; photo if possible. Apply "Huddlestone" (12/26), Office of this Paper.

UNIVERSITY COLLEGE HOSPITAL, Gower Street, W.C. 1.—Assistant Dispenser, holding Minor qualification (lady or gentleman), required; salary £145 per annum; hours 9 to 5, Saturdays 9 to 1; additional attendances on two evenings weekly until 9, and every third week on Saturday afternoon and for one hour on Sunday. Apply to C. H. Hampshire, Pharmacist.

UNQUALIFIED, ineligible, for Light Retail and Photographic trade. Apply, stating full particulars, to "Nottinghamshire" (10/18), Office of this Paper.

WANTED for the Prescription Counter of a West-End Stores, a lady Assistant, outdoors, unqualified, but having some knowledge of the business; short hours and no Sunday duty. Apply Staff Superintendent, C.S.S.A., Ltd., 136 Queen Victoria Street, E.C. 4.

WANTED, Manager, Chemist's business; purchase could be arranged if desired. Apply Featherstones, Market Square, Tunstall, Staffordshire.

WANTED, Dispenser, competent, to replace man ordered for service by Appeal Tribunal. Please state full particulars when replying to S. J. Coley, Ltd., 57 High Street, Stroud.

WANTED, reliable, qualified Assistant to manage good-class business; N.H.I.; must have excellent references. Full particulars, first letter, 11/23, Office of this Paper.

WANTED at once, competent Saleswoman for Drug and Perfumery; permanency. Apply "S. F." Goss, Ltd., 460 Oxford Street, W. 1.

WANTED, a gentlemanly Assistant, accustomed to a high-class business, for the Dispensing Counter; no N.H.I.; outdoors; others kept; hours of business, 8.30-7. Apply, giving full particulars, to Mr. Lewis, Chemist, Ealing, W. 5.

WANTED, Assistant, lady or gentleman, for good-class Dispensing business; qualified or not. Full particulars to Alfred Allchin & Co., 28 England's Lane, N.W. 3.

WANTED, lady Assistant for Retail Counter; outdoors; good salary to suitable Assistant. W. S. Potter & Co., Wholesale and Retail Chemists, High Street, Plaistow, E.

WANTED (immediately), competent unqualified lady to manage small first-class Business in large East Counties town. Send full particulars to 12/5, Office of this Paper.

£3 5s. weekly, reasonable hours, and a comfortable berth with good prospects, offered to a competent, unqualified Assistant; must be definitely ineligible for military service, a tactful Counterman, and have highest references; medium-class cash business; S.W. London suburb. Please send full particulars of experience, in confidence, to 3/12, Office of this Paper.

WHOLESALE.

EXPERIENCED Counterman required for Wets and Drys; good wages to reliable men. W. M. C., Burgoyne, Burbidges & Co., Ltd., East Ham, E. 6.

EXPERIENCED girl wanted to superintend Packing and Stock-keeping of Proprietaries and Toilet preparations; must be capable and reliable. Apply 5/35, Office of this Paper.

FITTER, Surgical; one having good knowledge of Orthopædic work; state experience and salary. Apply 250/23, Office of this Paper.

LADY wanted in Wholesale house; capable of taking charge of manufacture of Toilet and Medicinal preparations; must have full experience in these departments. Send full particulars and salary required to 280/400, Office of this Paper.

MANAGER or Manageress; used to the manufacture of Belts, Trusses, Suspensory Bandages, Puffs, Water-Bottle Covers, Sponge Bags, etc. Apply "L." (240/2), Office of this Paper.

SMART Saleswoman (indoors) required by large Wholesale house; must be of good appearance and address; one who has had some experience in Retail trade preferred. Give full particulars and salary required, "P. J. L." (251/70), Office of this Paper.

TRAVELLER wanted; must have good connection with Stores, Chemists, etc.; a share in business offered to smart gentleman with moderate capital. Full particulars to "Dainty," 43 Thurlestone Road, West Norwood, London, S.E. 27.

WANTED, Traveller for Yorkshire and Northern Counties district, to run in conjunction with one other firm's lines; part expenses and commission; must have strong connection; goods are Tooth Pastes, Ointments, and packed lines. Apply White Band Manufacturing Co., Ltd., South Croydon.

WAREHOUSE Assistant required in Manufacturing Chemists, London; used to filling and weighing Essential Oils. Apply by letter, stating age, experience, and wages required, to "Essential" (250/26), Office of this Paper.

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(Colonial, Indian and Foreign.)

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FRANCE.—Wanted, English Assistant for high-class Chemist business in Rouen; qualification or knowledge of French not essential; liberal remuneration. Apply, in first instance, for particulars to "Jouanne" (10/20), Office of this Paper.

PARIS.—Capable Assistant, qualified preferred, for high-class Pharmacy; knowledge of French an advantage; no Sunday or night duty; outdoors. Replies, with photograph, experience, and references, to Parilond, 5 Rue de la Paix, Paris.

SITUATIONS WANTED.

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[HOME.]

RETAIL.

AS Manager; temporary or otherwise; qualified; abstainer; over age; please state terms. Apply 10/14, Office of this Paper.

AS Assistant in high-class Pharmacy; unqualified; approx. three years' experience; invalided from Service; 21; tall. Taylor, 60 Tyrrell Road, Dulwich, London, S.E. 22.

AS Locum; permanency; London; provinces; excellent references and experience. "G.," Chemist, 17 Regent Square, W.C.

ASSISTANT or Locum desires post (immediately); ineligible. Deni, 43 High Street, Southampton.

ASSISTANT, exempt, Counter and Dispensing, disengaged, wishes half-day's employment every day, or short hours; London only. Apply J. B., 73 George Lane, Wanstead, E. 11.

ASSISTANT; unqualified, studying for examination; whole or part-time situation; 16 years' American and Colonial experience. Tuga, 11 Colville Place, Tottenham Court Road.

ASSISTANT; all-round experience, including Photography; ineligible; Leicester district preferred; salary and particulars. Apply 10/21, Office of this Paper.

ASSISTANT; mixed business; all-round experience; country preferred; Extractor. Apply 11/14, Office of this Paper.

BIRMINGHAM DISTRICT.—Qualified; over military age; £4 10s. week. Apply 10/22, Office of this Paper.

DISPENSER, good all-round experience Photographic, Veterinary, and N.H.I., Army discharged, seeks berth. References, "Delta" (9/24), Office of this Paper.

DISPENSER (woman), qualified, wants post London, Croydon, or easy distance. Apply 11/32, Office of this Paper.

DISPENSER, lady (Hall), desires post; nearly two years' experience; Dispensary or Institution preferred; near London or Southern Counties. F., 37 Ulysses Road, West Hampstead.

DISPENSER (Doctor's) desires post (at once); unqualified; ineligible; good references. B., 21 Ferndale Road, Gillingham, Kent.

DISPENSER (woman), qualified, desires post, Doctor, Hospital, or Institution; Central London or N.W. district preferred; varied experience; free end of February. "F. M. W." (11/39), Office of this Paper.

DOCTOR'S son (unqualified) requires situation as Dispenser or to a Doctor; London or suburbs, or country. Apply 4/31, Office of this Paper.

EVENING employment; lady Dispenser, Bookkeeper; experienced; knowledge French and typing; disengaged. Apply 9/16, Office of this Paper.

EVENING Dispensing (lady); three nights weekly; experience in City Stores. Apply 4/7, Office of this Paper.

EVENINGS, two or three, weekly from 5.30; qualified; 42. Dean Street, W. 1.

EVENING Employment wanted; used to compounding, packing, etc., and assist generally; S.W. preferred. "Capsules" (11/12), Office of this Paper.

IN or near London; as Manager; qualified; 43; open to partnership; exceptional references. Full details on writing to 270/28, Office of this Paper.

LADY, 21, unqualified, Matric, fluent French, nine months' experience, seeks short hours: Dispensing, Bookkeeping, Window-dressing; London. F., 134 Walworth Road, S.E.

LADY Dispenser, Hall certificate, four years' experience, good references, requires post near London; Hospital preferred. Apply "M." (9/15), Office of this Paper.

LADY, Hall qualification, College experience, smart appearance, desires post in London. Apply 9/17, Office of this Paper.

LADY Dispenser requires post with Doctor in London or suburbs; preferably North district; Hall qualifications; can drive car. Apply E. Thompson, 2 Arkwright Road, Hampstead, N.W. 3.

LADY Dispenser (Hall) requires situation with Doctor or Medical Society; experienced; reference; good Dresser; Westmorland or Lancashire preferred. Apply 6/35, Office of this Paper.

LADY; unqualified; eight years' excellent experience in Dispensing and Counter. Apply 11/7, Office of this Paper.

LOCUM or Temporary Manager; country; disengaged; age 52; qualified; first-class experience and testimonials; energetic; booking forward. Dewey, 3 Helena Avenue, Margate.

LOCUM; qualified; single; indoors or outdoors. Chemist, 27 Whitehall Road, Thornton Heath.

LOCUM; experienced; disengaged; Assistant or Manager; references. Apply 12/21, Office of this Paper.

MANAGER or Locum; Major; 47; all-round experience; Photography, Dispensing, Prescribing, Agriculture; 11 years business own account; state salary; disengaged February 18th. W. Porter, 198 Finchley Road, Hampstead, N.W. 3.

PHARMACIST, experienced, active, apportion half-time to management or supervision; S.W. district. "Overage" (9/23), Office of this Paper.

PHARMACIST, elderly, active, wants post near Manchester. Chemist, 7 Highfield Street, Cheetham, Manchester.

PHARMACY Student requires Saturday afternoon and evening work in London; Army retired. Apply 6/33, Office of this Paper.

QUALIFIED; locum, branch, or part-time. Chemist, 34 Wornington Road, Westbourne Park, W.

QUALIFIED, discharged soldier, desires permanency, Assistant or Manager, in Midlands; capable; tall; abstainer. Apply 12/18, Office of this Paper.

UNQUALIFIED, 23, Grade III., all-round experience, desires change; at liberty February 11th. Apply 11/38, Office of this Paper.

WANTED, a post as Dispenser; Hall qualification (male); middle-aged; either to Doctor, Institution, or Chemist. Apply J. S. N., 36 Judd Street, London, W.C. 1.

YOUNG lady, with good theoretical knowledge of Dispensing, desires practical work with Doctor or Chemist; Bookkeeping; age 24. Write H. E. Rodway, 15 M. Chapter Street, Westminster, S.W. 1.

YOUNG lady, 18, tall, smart, two years' Stock and Counter, desires progressive situation. W. G., 3 Railway Terrace, Barnes.

WHOLESALE.

ADVERTISER, with Pharmaceutical training, good knowledge of Chemistry, travelling, and long advertising experience, seeks suitable post; over age. Apply 9/31, Office of this Paper.

AS Representative good house, or accept Agencies; qualified; commands connection. Apply 10/220, Office of this Paper.

CHEMIST, with some mornings and evenings free, desires post where good experience can be obtained; remuneration secondary consideration; London. Apply 5/18, Office of this Paper.

ESSENTIAL Oils, Perfumery, up-to-date Toilet Specialities; Department Manager; above military age; highest references; London; disengaged. Apply 11/28, Office of this Paper.

GENTLEMAN, after two years and eight months' active service, is desirous of representing Wholesale firm of Chemists and Druggists; intimate knowledge of Drugs; good address, undeniable references. Address H. J. Hammond, c/o London City and Midland Bank, Jersey, Channel Islands.

POSITION as Departmental Manager, inspector, or control of staff; qualified; over military age, active, and industrious; references. Reply, with usual particulars, "Disengaged" (4/800), Office of this Paper.

REPRESENTATIVE seeks side-line Proprietary; extensive connection Chemists; London ground; commission, part salary. Apply 9/2, Office of this Paper.

WANTED by a gentleman conversant with the Drug Trade, a position as Representative for any good selling Speciality, Toilet, or other proprietary article; free from military service; Yorkshire district preferred. R. W. Holmes, 21 Wickham Street, Beeston Hill, Leeds.

WANTED, situation in a Wholesale Drug Warehouse; well up in the routine of the trade; has had full charge of Patents, Dispatch, etc.; good Stockkeeper; many years' experience; country preferred; ineligible. Apply 12/19, Office of this Paper.

YOUNG gentleman, 23, discharged, requires berth with Wholesale house of Chemists as Traveller, or any outdoor occupation. Apply 8/10, Office of this Paper.

MISCELLANEOUS.

ADVERTISERS wish to get into touch with a firm who is prepared to undertake to grind and dry 50 tons of Epsom Salts Crystals. Apply Box 497, Smiths' Agency, Ltd., 100 Fleet Street, E.C. 4.

SHOP FITTINGS.—16′ 0″ Serving Counter, mahogany top, and filled with drawers at back, £16 10*s*.; 5′ 0″ ditto, with Dispensing screen to match, £5 10*s*.; 8′ 0″ Drug Fitting Drawers, bottle shelving and lookers, £10 10*s*.; handsome Perfumery Case and Desk, mirror back and glass shelves, £6 10*s*.; 3′ 0″ Piano Wall Case, £10 10*s*. Suit moderate size Pharmacy. PHILIP JOSEPHS & SONS, LTD., 93 Old Street, London, E.C. 1.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

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1 " 2 "
BLUE LOTION BOTTLES, all sizes.

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